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Second edition

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Ad Hoc Committee of Transportation Librarians

September 1981

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Sources of Information in Transportation (second edition) provides basic references on all modes of transportation, covering socioeconomic and technical aspects with emphasis on U.S. sources. The first section is multi-modal, followed by sections for air transportation, railroads, shipping, inland water transportation, motor carriers, pipelines, highways and urban transportation. Each section follows the same format: basic references, statistical sources, directories, periodicals, conference proceedings, indexing and abstracting services and data bases, library accessions lists, dictionaries and glossaries, and bibliographies. An author index is provided for the entire work.

The second edition is a complete revision of the 1964 edition published for the Northwestern University Transportation Center by Northwestern University Press.

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PREFACE

This second edition of Sources of Information in Transportation is a complete revision of the 1964 edition published for the Northwestern University Transportation Center by Northwestern University Press. It provides basic references on all modes of transportation, covering socioeconomic and technical aspects with emphasis on U.S. sources. The first section is multi-modal, followed by sections covering individual modes of transportation. For both ease of use and consistency, each section follows the same format: basic references, statistical sources, directories, periodicals, conference proceedings, indexing and abstracting services and data bases, library accession lists, dictionaries and glossaries, and bibliographies. An author index is provided for the entire work.

Each section of the bibliography is a product of the compiler's experience with the collection and service requirements in his or her library. Due to this experience some overlap exists, e.g., between general and urban transportation, between trucking and highways, between shipping and inland water. In addition, the form of the corporate author entries may differ. These differences have been resolved to some extent through cross-references in the author index.

Sources was conceived by members of the Transportation Division of the Special Libraries Association and carried out as a project of that Division. It is not, however, an official publication of the Association.

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TRANSPORTATION

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Analysis of 1990 plan update. Prepared for the U. S. Department of Transportation, Office of the Secretary. Springfield, Virginia, National Technical Information Service, 1976. 101p.

127. Polenske, Karen P. and Paul F. Levy.
Multiregional economic impacts of energy and transportation policies. Prepared for the University Research Program, U. S. Department of Transportation. Springfield, Virginia, National Technical Information Service, 1974. 118p.

128. Roberts, Paul O.
Transportation; forces of change. Washington, National Chamber Foundation, 1981. 25p.

Research was performed by the Center for Transportation Policy Research, University of California at Berkeley. Cover title is Transport tomorrow, a national priority which was issued in two parts. This report is part 1 which contains chapters 1-3.

129. Roberts, Paul O.
A prescription for effective transportation policies. Washington, National Chamber Foundation, 1981. 26p.

This report is the second part of Transport tomorrow, a national priority and contains chapters 4-6. Both parts constitute a synthesis of knowledge and experience in order to provide direction for transportation policies in America. Full report will be available eventually. Six areas of public policy are listed where change is most needed: energy, infrastructure, productivity, personal mobility, government and technology.

130. Ruppenthal, Karl M. and W. T. Stanbury, eds.
Transportation policy; regulation, competition, and the public interest. Vancouver, B. C., University of British Columbia, Centre for Transportation Studies, 1976. 232p.

131. U. S. Advisory Commission on Intergovernmental Relations.
Toward more balanced transportation; new intergovernmental proposals. Washington, Government Printing Office, 1975. 307p. (Report no. A-49).

132. U. S. Board of Investigation and Research.
Report on public aids to domestic transportation.
79th Congress, 1st Session, House Document no. 159.
Washington, Government Printing Office, 1944. 1026p.

Also referred to as the "Webb Report" or "BIR Report".
This is one of a series of reports by the Board
of Investigations and Research.

133. U. S. Congress. Senate. Committee on Commerce,
Science and Technology.
Intercity domestic transportation system for
passengers and freight. 95th Congress, 1st Session.
Prepared by Harbridge House, Inc. Washington,
Government Printing Office, 1977. 464p.

134. U. S. Congress. Senate. Committee on Interstate and
Foreign Commerce. Special Studies Group on
Transportation Policies in the United States.
National transportation policy. 87th Congress,
1st Session. Senate report no. 449. Washington.
Government Printing Office, 1961. 732p.

Also referred to as the "Doyle Report".

135. U. S. Department of Commerce. Transportation Study
Group.
Federal transportation policy and program.
Washington, Government Printing Office, 1960. 32p.

136. U. S. Department of Commerce, Transportation Study
Group.
Rationale of Federal transportation policy.
Washington, Government Printing Office, 1960. 71p.

137. U. S. Department of Transportation.
Annual report on the implementation of the statement on national transportation policy, 1st-
Washington, 1972-

138. U. S. Department of Transportation.
National transportation; trends and choices
(to the year 2000). Issued by the Secretary of
Transportation. Washington, Government Printing
Office, 1977. 412p. Appendix.

This document contains the former Secretary of Transportation William T. Coleman's policy report on a "comprehensive treatment of the major planning issues on the unfinished national agenda that may impact the future development of our nation's transportation". Report is divided into 6 parts: introduction, the automobile, interstate transportation, state and local transportation, U. S. International transportation and beyond the present planning effort. Appendix is titled U. S. Transportation Atlas.

139. U. S. Department of Transportation.
1972 national transportation report; present status - future alternatives. Washington, Government Printing Office, 1972.

"This report represents an assessment of the present state of the nation's transportation system and a discussion of alternatives for improving transportation performance in the future."

140. U. S. Department of Transportation.
1974 national transportation report; current performance and future prospects. Washington, Government Printing Office, 1975. 2 v. appendices.

"This report represents an assessment of the present state of the nation's transportation system and a discussion of alternatives for improving transportation performance in the future ", as presented by the Secretary of Transportation, Claude S. Brinegar. There is a summary and final report plus 2 appendices, which are titled: Profiles of Public Transportation Plans and Programs and Urban Data Supplement.

141. U. S. Department of Transportation.
A progress report; implementation of the 1975 statement of national transportation policy by the Secretary of Transportation. Washington, 1976. 23p.

142. U. S. Department of Transportation.
National transportation report; two years of accomplishments, 1977-1978. Washington, 1979.

Report on accomplishments by Secretary Brock Adams.

143. U. S. Department of Transportation.
A statement on national transportation policy. Washington, 1971. 53p.

144. U. S. Department of Transportation.
A statement of national transportation policy; September 17, 1975 by the Secretary of Transportation. Washington, Government Printing Office, 1975. 53p.

Policy statement of William T. Coleman, Jr. which states his views on Federal governmental response toward the nation's transportation needs.

145. U. S. Department of Transportation.
Transportation agenda for the 1980's; issues and policy directions. Washington, 1980. n.p.

Policy statement of the Secretary of Transportation, Neil Goldschmidt, which discusses energy, productivity, world trade, transportation manufacturing industries, mobility, community revitalization, safety, air and noise, and departmental requirements.

146. U. S. Department of Transportation.
Transportation policy for a changing America by Brock Adams, Secretary of Transportation. Washington, 1978. 23p.

147. U. S. Federal Coordinator of Transportation.
Public aids to transportation. Washington, Government Printing Office, 1938-1940. 4 v.

v.1. General comparative analysis and public aids to scheduled air transportation.
v.2. Aids to railroads and related subjects.
v.3. Public aids to transportation by water.
v.4. Public aids to motor vehicle transportation - an analysis of highway and street costs and motor vehicle user payments.

148. U. S. General Accounting Office.
Transportation issues in the 1980's. Washington, 1980. 52p. (Report no. CED-80-133).

149. U. S. Library of Congress. Congressional Research Service.
Hazardous materials transportation; a review and analysis of the Department of Transportation's regulatory program. Prepared for U. S. Congress. Senate. Committee on Commerce, Science and Technology. 96th Congress, 1st Session. Washington, Government Printing Office, 1979. 251p.

150. U. S. National Resources Planning Board.
Transportation and national policy. Washington, Government Printing Office, 1942. 513p.

151. Ward, J. D., et al.
Toward 2000; opportunity in transportation evolution. Prepared for U. S. Department of Transportation. Springfield, Virginia, National Technical Information Service, 1977. 150p. (Report no. DOT-TST-77-19).

152. Williams, Ernest W., Jr., ed.
The future of American transportation. Englewood Cliffs, New Jersey, Prentice-Hall, Inc., 1971. 211p.

"Designed as advance reading for the thirty-ninth American Assembly held at Arden House, Harriman, New York, April 15-18, 1971 and to be used as background reading at regional assemblies of transportation across the nation." G. W. Wilson, A. S. Lang, D. F. Pegrum, J. L. Weller, J. C. Nelson, L. C. Fitch and E. W. Williams are the contributors to this volume.

II. Statistical Sources

153. Aerospace Corporation. Environmental and Energy Conservation Division.
Characterization of the U. S. transportation system. Prepared for Transportation Energy Conservation Division, U. S. Energy Research and Development Administration. Springfield, Virginia, National Technical Information Service, 1977. 6v.

Contains statistics on following modes: domestic air transportation (passenger and cargo), highway transportation (autos, trucks, buses, motorcycles, bicycles), pipeline transportation systems (petroleum, natural gas, water), railroads (freight and passenger), urban rail transit and water transportation of freight.

154. Association of American Railroads.
Government and private expenditures for highway, waterway, railroad and air rights-of-way. Washington, Association of American Railroads, 1976. Irregular.

Expenditures by federal, state and local governments for various modes of transportation are given.

155. Carrier Reports. Old Saybrook, Connecticut, Carrier Reports. Quarterly.
Financial information of the nation's leading carriers is presented. Information is extracted from public file reports which are required by the various federal regulatory bodies.

156. Corporate Data Exchange, Inc.
CDE stock ownership directory: transportation industry. New York, Corporate Data Exchange, Inc., 1977. 336p.

It presents information on the principal voting stockholdings of each firm and gives ownership and control of the nation's leading transportation companies.

157. Dun & Bradstreet.
Reference book of transportation, 1967-
New York, Semiannual.

The book is divided into three sections: motor carriers of property arranged alphabetically by state and city, motor carriers of property arranged alphabetically by mode of carrier. Information on name, address, name and title of principal, Duns number, operating ratio, gross operating revenue, net profit, equipment, year code and ratings are given.

158. Greene, D. L., et al.
Regional transportation energy conservation data book: edition 1. Prepared by Oak Ridge National Laboratory. Regional and Urban Studies Section, Energy Division. Springfield, Virginia, National Technical Information Service, 1978. 509p.

Companion edition to Transportation energy conservation data book. Regional characteristics of energy conservation are emphasized by mode, i.e., highway, air, rail, marine and pipelines. Socioeconomic factors relevant to transportation demand and energy supply and use by state are also presented.

159. International Road Transport Union.
World transport data (Statistiques mondiales de transport). Geneva, 1973- . Irregular.

Compares statistical data on goods transport, particularly by road, but also includes data on railway, air, inland waterways traffic for the continents of Africa, America, Asia, Europe and Oceania.

160. Moody's transportation manual. New York, Moody's Investors Service, Inc. Annual.

Contains financial, historical and statistical information on approximately 1,000 transportation companies, i.e., railroads, airlines, steamship companies, electric railways, bus and truck lines, oil pipelines, bridge companies and automobile truck leasing and rental companies. It also has a special features section which contains the following information: analytical survey of the railroad industry, air transport data, trucking industry, urban transportation industry, oil pipeline transportation, waterborne transportation, and many other details. Kept up-to-date by Moody's Transportation News Report which is published on Tuesday and Friday of each week.

161. Shonka, D. B., ed.
Transportation energy conservation data book: edition 4. Prepared by Oak Ridge National Laboratory, Regional and Urban Studies Section, Energy Division. Springfield, Virginia, National Technical Information Service, September 1980. v.p.

This publication is the 4th edition of a statistical compendium which represents all modes of transportation. "The six main chapters focus on various characteristics of the transportation sector including (1) modal characteristics, (2) current energy use, (3) projections of modal energy use, (4) impact of government activities, (5) supply and cost of energy, and (6) general demographic and economic characteristics." There are more than 400 tables and figures relating to transportation stock and use statistics as well as energy use by fuel source and transportation mode, energy intensity figures by mode, indirect energy use.

162. Standard and Poor Corporation.
Industry surveys. New York, Quarterly, Jan. 1973-

Provides up-to-date financial and market data on American transportation industries. Some of the industries covered are as follows: aerospace, air transport, autos-auto parts, railroads, trucking, etc. It examines the prospects for that particular industry as well as an analysis of the trends and problems. Another section compares the growth in sales and earnings of leading companies in the industry.

163. Transportation Association of America.
Transportation facts and trends. 1964- .
Washington. Annual with quarterly supplements.

Provides a statistical analysis of transportation data in order to illustrate the importance of transportation in the U. S. economy. Data on transportation outlays versus the gross national product, estimated freight and passenger bills, revenues of the ICC and CAB regulated carriers in domestic operations, transportation revenues, intercity freight and tonnage by mode, shipments by manufacturing establishments, intercity travel, travel by U. S. residents, employment and average annual earnings and compensation per full time employee is included. Petroleum consumption by mode of transport is also included.

164. Transportation Research Board.
Identification of transportation needs and measures for facilitation of data flow.
Prepared for Transportation Systems Center,
U. S. Department of Transportation. Washington,
1981. v.p. (Its TRB unpublished report no. 21).

Identifies data needs and problems of non-federal users of transportation data. Actions that might improve the quality and accessibility of transportation statistical data are presented.

165. United Nations. Economic Commission for Europe.
Annual bulletin of transport statistics for Europe. Bulletin annual de statistiques de transport, 1st-, 1949-, Geneva. Annual.

Contains basic data on goods transport in European, Canadian and American countries. Information on rail, road and inland waterway sectors, container transport, goods loaded and unloaded, seaports, transport by oil pipelines is given.

166. U. S. Bureau of the Census.
Census Bureau guide to transportation statistics. Washington, Government Printing Office, 1976. 88p.

This publication is a guide to data from three surveys that comprise the 1972 Census of Transportation and the 1970 Survey of Domestic and International Transport Data on U. S. Foreign Trade. Coverage includes survey methodology and scope, index to published reports, format and content, availability of unpublished data and public use tape.

167. U. S. Bureau of the Census.
Census of transportation. Washington, Government Printing Office, 1963- .

Established in 1963 and issued every five years. It consists of three surveys which are: (1) National travel survey, (2) Truck inventory and use survey, (3) Commodity transportation survey. Data on personal travel, the use of truck and shipment of commodities is presented. It covers travel by persons during the year of the census and also its purpose, accomodations, duration, etc. Uses of private and commercial trucks resources are described as well as information on commodity transports by manufacturers.

168. U. S. Bureau of the Census.
Foreign trade reports (FT 150 and FT 455). Washington, Government Printing Office. Monthly.

Gives volume and value of imports and exports by sea or air.

169. U. S. Bureau of the Census.
Highlights of U. S. exports and import trade. Report no. FT 990. Washington, Government Printing Office. Annual.

170. U. S. Bureau of the Census.
Journey to work, PC(2)-6D. Washington, Government Printing Office, 1972.

Statistics on how people travel to work in both urban and rural areas are given. Private automobile, bus or streetcar, railroad, taxicab, elevator train and walking to work are the categories in which people travel to work.

171. U. S. Bureau of the Census.
Journey to work statistics. National housing survey. Washington, Government Printing Office, 1977.

Updates the 1972 edition of Journey to Work.

172. U. S. Department of Transportation.
National transportation statistics, 1972- . Washington, Government Printing Office. Annual.

Title varies. It now includes a section on energy statistics which used to be a separate publication. Contains a statistical profile on all modes of transportation, both the government and private sector. Average passenger fare, basic intercity mileage, number of vehicles, personal consumption expenditures by transportation sectors, national income by transportation sector, employment wages and salaries, fuel consumption by mode, air pollutant emissions, water and noise pollution, cargoes and fatality statistics are covered.

173. U. S. Department of Transportation. Transportation Systems Center.
Transportation safety information report, 1974-. Washington, Government Printing Office. Annual.

This publication is a compendium of U. S. transportation safety statistics for all modes; highway, rail, rail rapid transit, aviation, waterborne transport, recreational boating, pipelines and hazardous materials. Also contains new DOT safety regulations and a glossary.

174. U. S. Department of Transportation. Transportation Systems Center.
Transportation statistical reference file; user manual. Cambridge, Massachusetts, 1979. v.p. (Report no. DOT-TSC-RSPA-79-11).

"Describes the structure of an automated transportation bibliographic data capability, the Transportation Statistical Reference File (TSRF)." It is a computerized data directory to references which are classified by transportation mode and data subject.

175. U. S. Federal Highway Administration.
Nationwide personal transportation study, 1972-. Washington, Government Printing Office.

Eleven reports were published as a result of this 1969 study. They are: (1) Automobile occupancy, (2) Annual miles of automobile travel, (3) Seasonal variations of automobile trips and travel, (4) Transportation characteristics of school children, (5) Availability of public transportation and shopping, (6) Characteristics of licensed drivers, (7) Household travel in the United States, (8) Home-to-work trips and travel, (9) Mode of transportation and personal characteristics of tripmakers, (10) Purposes of automobile trips and travel, and (11) Automobile ownership.

This study was updated in 1977. Approximately 14 reports will be published by the U. S. Federal Highway Administration during 1981-1982.

176. U. S. Interstate Commerce Commission.
Transport statistics in the United States. Washington, Government Printing Office. Annual. Vol. 68-, 1954-. 5 parts.

Supersedes its Statistics of the Railways in the United States published from 1887 to 1953 inclusive. Contains statistical data on the various modes of transportation regulated by the ICC, i.e., railroad companies, motor carriers, water carriers, freight forwarders, and private car owners. Gives detailed data on traffic, operations equipment, finances and employment.

177. Woehlcke, Carl and Jack G. Faucett.
Transportation projections, 1985, 1995, 2000; final report. Prepared by Jack Faucett Associates for U. S. Department of Transportation, Office of the Secretary, Office of Intermodal Transportation. Springfield, Virginia, National Technical Information Service, 1980. 109p. (Report no. DOT-OST-P10-80-2).

Transportation projections are given for three economic scenarios, low growth, medium growth and high growth. Projections are made using the Department of Transportation (DOT) Long-Range Forecasting Model which was developed by Jack Faucett Associates.

III. Directories

178. American Association of State Highway and Transportation Officials.
AASHTO reference book of member departments, personnel and committees. Washington. Annual.

179. American Road and Transportation Builders Association.
Officials and engineers directory; transportation agency personnel. Washington. Annual.

180. Congressional Quarterly, Inc.
Federal regulatory directory. 2d ed. Washington, 1980.

Discusses the growth of regulation and current issues pertaining to the present regulatory climate. Profiles the major regulatory agencies within the Federal government, including the Interstate Commerce Commission, Federal Maritime Commission, Civil Aeronautics Board, the National Transportation Safety Board, as well as the offices within the Executive and Legislative branches which have regulatory functions.

181. Flood, Kenneth U.
Research in transportation: legal/legislative and economic sources and procedures. Detroit, Gale Research Company, 1970.

Lists sources of legal/legislative, economic and business management information pertaining to the regulated freight transportation industry primarily.

182. National Technical Information Service.
A directory of computer software applications -- transportation. Springfield, Virginia, 1978. 83p. (PB279 570).

Cites transportation reports that list computer programs or their documentation. Topics covered include motor vehicle safety, aviation safety, air traffic control, marine transportation scheduling, global navigation systems, and noise exposure. Subject and corporate author indexes are included.

183. Official directory of industrial and commercial traffic executives. Washington, Traffic Service Corporation. Annual.

184. Traffic Management.
Catalog of distribution directories and guides. Traffic Management, December issue. Denver, Cahners Publishing Company. Annual.

Traffic Management's annual physical distribution directories and guides catalog features more than 450 entries in 20 categories including air, containerization, hazardous materials, highways materials handling, ports, rail, rates and routes, regulation, government, ocean shipping and transportation and physical distribution.

185. U. S. Department of Transportation.
Directory. Washington, Government Printing Office. Three issues a year.

A directory containing a classified -- by modal administration -- section; an alphabetical listing of DOT personnel, and lists of DOT field office representatives, including the regional emergency transportation coordinators and representatives. Organization charts and maps showing DOT/modal administration field offices and regional boundaries are also included.

186. U. S. Department of Transportation. Office of Community Planning Assistance.
Directory of metropolitan planning organizations and state transportation agencies. Washington, 1980. 143p.

187. U. S. Department of Transportation. Office of the Secretary.
Directory of transportation education. Washington, Government Printing Office, 1976.

Dated, but still useful guide to post-secondary institutions in the U. S. offering degree-level programs in transportation and related areas or regularly scheduled transportation and related seminars, workshops or institutes. Covers all modes and facets of transportation.

188. University of Colorado. Graduate School of Business Administration. Business Research Division.
Bibliography of tourism and travel research studies, reports and articles. Boulder. Triennial.

189. University of Colorado. Graduate School of Business Administration. Business Research Division.
Travel trends in the U. S. and Canada. Boulder. Biennial.

IV. Periodicals

190. AASHTO Quarterly. Washington, American Association of State Highway and Transportation Officials. Quarterly.

191. American City and County. Pittsfield, Massachusetts, Morgan-Grampian Publishing Co. Monthly.

192. American Economic Review. Nashville, Tennessee, American Economic Association. Six issues a year.

193. ARTBA Newsletter. Washington, American Road and Transportation Builders Association. Weekly.

194. ASCE Proceedings. Transportation Engineering Journal. New York, American Society of Civil Engineers. Bi-monthly.

195. Bell Journal of Economics. New York, American Telephone and Telegraph Co. Semiannual.

196. Civil Engineering. New York, American Society of Civil Engineers. Monthly.

197. Congressional Quarterly Weekly Report. Washington. Weekly.

198. Defense Transportation Journal. Washington, National Defense Transportation Association. Bimonthly.

199. Engineering News-Record. New York, McGraw-Hill. Weekly.

200. Handling and Shipping Management. Cleveland, Penton/IPC. Monthly.

201. Hazardous Materials Transportation. Boston, Cahners Publishing Company. Monthly.

202. ICC Practitioners' Journal. Washington, Association of ICC Practitioners. Bimonthly.

203. International Journal of Transport Economics. Rome, Italy. Three issues a year.

204. ITE Journal. Washington, Institute of Transportation Engineers. Monthly.

205. Journal of Advanced Transportation. Durham, North Carolina, Institute for Transportation. Three issues a year.

Continues High Speed Ground Transportation.

206. Journal of Safety Research. Chicago, National Safety Council. Quarterly.

207. Journal of the Air Pollution Control Association. Pittsburgh, Air Pollution Control Association. Monthly.

208. Journal of the American Planning Association. Washington, American Planning Association. Quarterly.

209. Journal of Transport Economics and Policy. London, London School of Economics. Three issues a year.

210. Journal of Transport History. Third series. Manchester, England, Manchester University Press. Semiannual.

211. Land Economics. Madison, Wisconsin, University of Wisconsin. Quarterly.

Continues Journal of Land and Public Utility Economics.

212. Logistics and Transportation Review. Vancouver, British Columbia, University of British Columbia Center for Transportation Studies. Quarterly.

213. Newsbank: Urban Affairs Library: Transportation. Stamford, Connecticut, Newsbank Inc. Monthly.

This service is a current awareness tool covering transportation related articles from the newspapers throughout the country. Articles are reproduced on microfiche and a printed index is provided.

214. Official Intermodal Equipment Register. New York, Intermodal Publishing Company. Quarterly.

215. Traffic World; the Weekly Newsmagazine of Transportation Management. Washington, The Traffic Service Corporation. Weekly.

216. Translog; the Journal of Military Transportation Management. Washington, Military Traffic Management Command, U. S. Department of the Army. Monthly.

Continues Transportation Proceedings.

217. Transport. London, The Chartered Institute of Transport. Bimonthly.

218. Transport 2000 and Intermodal World. Novato, California, Transport 2000. Bimonthly.

219. Transport Policy and Decision Making; An International Journal. The Hague, Martinus Nijhoff. Quarterly.

220. Transportation; An International Journal Devoted to the Improvement of Transportation Planning and Practice. Amsterdam, Elsevier Publishing Company. Quarterly.

221. Transportation Journal. Chicago, American Society of Traffic and Transportation. Quarterly.

222. Transportation Law Journal. Denver, University of Denver College of Law. Semiannual.

223. Transportation Planning and Technology; Reviews and Communications. London, Gordon and Breach Science Publishers, Ltd. Quarterly.

224. Transportation Research. Part A: General. New York, Pergamon Press. Bimonthly.

225. Transportation Research. Part B: Methodological. New York, Pergamon Press. Quarterly.

226. Transportation Research News. Washington, Transportation Research Board. Bimonthly.

227. Transportation Science. Baltimore, Maryland, Transportation Science Section, Operations Research Society of America. Quarterly.

228. Transportation USA. Washingt U. S. Department of Transportation. Quarte

V. Conferences

229. American Society of Traffic and Transportation. Proceedings of ... annual meeting. Title varies. Chicago. Annual.

230. Australian Road Research Board. Conference proceedings. Vermont South, Victoria. Annual. Multiple volumes.

The ARRB conference proceedings include the papers and most of the discussions presented at the conference. Conference papers are generally related to highway transportation, traffic engineering, transportation planning -- including urban transportation issues -- environmental issues, and freight studies.

231. European Conference of Ministers of Transport. Round table on transport economics. Paris, Organization for Economic Cooperation and Development. Annual. Title varies.

232. National Council of Physical Distribution Management. Annual conference proceedings. Oak Brook, Illinois. Annual.

233. Planning and Transport Research and Computation. Proceedings of the annual summer meeting. London. Annual. Multiple volumes.

The PTRC annual meeting proceedings include one or more volumes of papers presented in each of several seminars. Subject areas covered include transportation planning; transportation planning in developing countries, road design, transportation models, etc.

234. Roads and Transportation Association of Canada. Annual conference preprints. Ottawa. Annual. Multiple volumes.

The conference papers are preprints and grouped together in categories, e.g., planning, design, construction and maintenance, administration, and transportation operations. Selected conference papers are subsequently published in RTAC Forum, a journal, thus no formal conference proceedings are published.

235. Transport decisions in an age of uncertainty. Proceedings of the Third World Conference on Transport Research. Leiden, the Netherlands, Martinus Nijhoff, 1977. 657p.

"Covers all aspects of research on transportation problems and their relationship to the formulation and implementation of transport policy." (Conference brochure) in all modes of transportation.

236. Transport research for social and economic progress. Proceedings of the Fourth World Conference on Transport Research, held April 14-17, 1980 in London. Farnborough, England, Gower Publishing Company. (forthcoming).

237. Transportation planning and policy decision making: Behavioral science contributions; edited by Richard M. Michaels. New York, Praeger, 1980. 250p.

Proceedings of a conference held October 31-November 2, 1978 in Charleston, South Carolina under the sponsorship of the Office of University Research, U. S. Dept. of Transportation, under contract with the Urban Systems Laboratory of the University of Illinois at Chicago.

238. Transportation Research Board.
Annual meeting, held in Washington each January, papers are published in the subject-specific Transportation Research Record series. Preprints are sold during the conference. Prior to 1962, annual meeting papers were published under the title Proceedings of the annual meeting of Highway Research Board.

Multimodal transportation conference with several hundred subject sessions.

239. Transportation Research Board.
State transportation issues and actions. Proceedings of the Second Conference on Statewide Transportation Planning and Programming, held April 29-May 2, 1979 in Warrenton, Virginia under the sponsorship of the U. S. Department of Transportation. Washington, 1980. 2 v. (TRB Special Report no. 189).

240. Transportation Research Board.
Transportation and land development. Proceedings of a conference held in Chicago, November 10-12, 1977 under the sponsorship of the Urban Mass Transportation Administration, U. S. Department of Transportation. Washington, 1978. 49p. (TRB Special Report no. 183).

241. Transportation Research Forum.
Proceedings of the ... meeting, Oxford, Indiana, Richard B. Cross Company. Annual.

The papers are compiled and published as the Proceedings prior to the annual meeting each year. The papers cover most modal and functional areas of transportation although the emphasis is primarily freight transportation.

VI. Indexing and Abstracting Services, Data Bases

242. ABI/INFORM. Louisville, Kentucky, Data Courier, Inc. 1971- .

Abstracted Business Information (ABI/INFORM) is a business management data base covering subject areas such as accounting, marketing, management, banking, insurance and personnel. Coverage dates from August, 1971. Materials covered are the English language periodicals. The data base is available through BRS, DIALOG, and ORBIT. There is no corresponding indexing/abstracting publication.

243. AGRICOLA. Beltsville, Maryland, U. S. National Agricultural Library. 1970- .

AGRICOLA is a major agricultural data base providing coverage of all aspects of the agricultural sciences, rural issues, food and nutrition. Materials covered include books, serials and monographs in both English and foreign languages. Corresponding indexing/abstracting publications include Bibliography of Agriculture. The data base is accessible through BRS, DIALOG and ORBIT and through monthly subscription to the magnetic tapes. Bibliography of Agriculture (Phoenix, Oryx Press. Monthly) and the National Agricultural Library Catalog (Totowa, New Jersey, Rowman and Littlefield. Monthly with semiannual and annual index cumulations).

244. COMPENDEX. New York, Engineering Index, Inc. 1969-

Computerized Engineering Index (COMPENDEX) is the computerized version of Engineering Index and covers all fields of engineering. Materials covered include books, serials, monographs, standards, government publications and conference proceedings from both English lanuage and foreign language sources. The data base is accessible through DIALOG and ORBIT.

245. DISCLOSURE INCORPORATED. Bethesda, Maryland, Disclosure Incorporated. 1977-

DISCLOSURE INCORPORATED covers the annual corporate reports released annually by the Securities and Exchange Commission. Paper and microfiche copy of the reports covered is available in various formats, e.g., by company, report type, stock exchange. There is no corresponding publication, but their current awareness service, Company Filing Index (Bethesda, Maryland. Monthly) covers all filings processed during the previous month. The data base is accessible through DIALOG.

246. ENERGYLINE. New York, Environment Information Center, Inc. 1971-

ENERGYLINE is a bibliographic data base covering environment-related energy materials. Covers books, serials, monographs, conference proceedings, hearings, laws and regulations and statistical sources. The data base is accessible through DIALOG and ORBIT. Corresponding indexing/abstracting publication is Energy Information Abstracts (New York, Environment Information Center, Inc. Bimonthly).

247. ENVIROLINE. New York, Environment Information Center, Inc. 1971-

ENVIROLINE is a bibliographic data base covering all facets of the environment. Materials covered include books, serials, monographs, hearings, laws and regulations and conference proceedings. The corresponding indexing/abstracting publication is Environment Abstracts (New York, Environment Information Center, Inc. Monthly). Data base is accessible through DIALOG and ORBIT.

248. INSPEC. London, Institution of Electrical Engineers, 1970- .

The Information Service in Physics, Electro-Technology, and Control (INSPEC) provides coverage of electrical engineering, electronics, physics computer sciences and control. It covers books, serials, monographs, conference proceedings, theses, patents and government reports. The The corresponding indexing/abstracting publications are: Physics Abstracts (London, Institution of Electrical Engineers. Semimonthly), Electrical and Electronics Abstracts (London, Institution of Electrical Engineers. Monthly) and Computer and Control Abstracts (London, Institution of Electrical Engineers. Monthly). The data base is accessible through BRS, DIALOG and ORBIT.

249. ISMEC. Louisville, Kentucky, Data Courier, Inc. 1973-

Information Service in Mechanical Engineering (ISMEC) covers all aspects of mechanical and production engineering and engineering management. Coverage is books, serials, monographs and conference proceedings. Their indexing/abstracting publication is their ISMEC Bulletin (Louisville, Kentucky, Data Courier, Inc. Monthly). ISMEC is accessible through DIALOG ORBIT and RECON.

250. JOURNAL OF ECONOMIC LITERATURE. Nashville, Tennessee, American Economic Association. Quarterly.

Excellent coverage of transportation articles appearing in the economic journals and books.

251. MANAGEMENT CONTENTS. Skokie, Illinois, G. D. Searle & Company. 1977-

MANAGEMENT CONTENTS covers business and management literature from U. S. and foreign journals, proceedings and transactions. Related publication is Management Contents (Skokie, Illinois, G.D. Searle & Company. Biweekly) which lists the tables of contents of the journals covered for the MANAGEMENT CONTENTS Data base. The data base is accessible through BRS, DIALOG and ORBIT.

252. METADEX. Metals Park, Ohio, American Society for Metals, 1966- .

METADEX covers all aspects of metals and materials science nationally and internationally. Coverage includes periodicals, books, serials, government reports, patents and conference proceedings. Corresponding indexing/abstracting publications include Metals Abstracts (Metals Park, Ohio, American Society for Metals. Monthly), Alloys Index (Metals Park, Ohio, American Society for Metals. Monthly) and World Aluminum Abstracts (Metals Park, Ohio, American Society for Metals. Monthly). The data base is accessible through DIALOG.

253. NATIONAL TECHNICAL INFORMATION SERVICE (NTIS). Bibliographic Data File. Springfield, Virginia, National Technical Information Service, 1964- .

The bibliographic data base for the NTIS includes government technical reports from bureaus and agencies of the U. S. government and their contractors as well as other sources. The related indexing/abstracting publication is the series Weekly Government Abstracts of which there are 26 subject area publications. Transportation - related ones include Administration, Agriculture and Food, Business and Economics, Civil Engineering, Communication, Energy, Environmental Pollution and Control, Materials Science, Transportation, and Urban and Regional Technology and Development. NTIS is accessible through BRS, DIALOG and ORBIT.

254. PREDICASTS, INC. Cleveland, Predicasts, Inc., 1972- .

Predicasts, Inc. is a series of data bases covering all areas of business, including forecasting. Coverage includes journals, reports, statistics, publications, etc. The online databases relevant to transportation include: PTS F&S INDEXES, 1972- , PTS FEDERAL INDEX, 1976- , PTS INTERNATIONAL FORECASTS and PTS PROMPT, 1972- . Relevant indexing/abstracting publications include Funk & Scott Indexes (Cleveland. Monthly). The Predicasts data bases are accessible through BRS and DIALOG.

255. PUBLIC AFFAIRS INFORMATION SERVICE (PAIS). New York, 1976- .

PAIS covers all forms of social sciences literature including periodicals, monographs, yearbooks, directories, association materials and festchriften. The U. S. version, PAIS Bulletin covers English language publications while the Public Affairs Information Service Foreign Language Index includes coverage of French,German, Italian, Portuguese and Spanish language materials. These bulletins comprise the corresponding indexing/abstracting services: Public Affairs Information Service Bulletin (New York, PAIS. Biweekly) and Public Affairs Information Service Foreign Language Index (New York, PAIS. Quarterly). The data base is accessible through BRS and DIALOG.

256. SMITHSONIAN SCIENCE INFORMATION EXCHANGE (SSIE). Washington, 1974- .

SSIE covers records pertaining to ongoing and recently completed research projects in the areas of the life and physical sciences. Performing agencies include Federal, state and local government agencies, nonprofit associations, foundations, academic institutions and some foreign institutions. A large percentage of the projects covered are federally funded. There is no equivalent indexing/abstracting publication. The data base is accessible either through customized searches performed by SSIE staff or through BRS, DIALOG and ORBIT. SSIE transportation and transportation-related project records are also included in TRIS. (See TRIS entry).

257. SOCIETY OF AUTOMOTIVE ENGINEERS, INC. (SAE) Abstracts Data Base. Warrendale, Pennsylvania, 1965- .

The SAE Abstracts Data Base covers all areas relevant to the automotive field as covered in technical papers authored by SAE members and published in SAE conferences proceedings, handbooks and transactions. The corresponding hard copy publication is their Technical Literature Index (Warrendale, Pennsylvania, Society of Automotive Engineers. Quarterly). The data base is accessible via ORBIT.

258. TOXICOLOGY INFORMATION ON LINE (TOXLINE). Bethesda, Maryland, U. S. National Library of Medicine.

Of interest to the transportation research community primarily for its relevance to data on environmental aspects of the transportation of hazardous materials, the TOXLINE data base contains medical, chemical and environmental references relevant to the toxicity of materials. Available only directly through the National Library of Medicine.

259. TRANSPORTATION: CURRENT LITERATURE. Washington, U. S. Department of Transportation, Library Services Division, Headquarters Services Branch. Semimonthly.

TRANSPORTATION: CURRENT LITERATURE is a semimonthly annotated list of periodical articles available in the U. S. Department of Transportation Library. This current awareness publication is now in its 60th year and originated in the U. S. Bureau of Public Roads Library in 1921. Arrangement is alphabetical by title of the periodical with the relevant articles in each periodical listed. There are subject and geographical indexes included at the end of each issue. A by-product of TRANSPORTATION: CURRENT LITERATURE is the periodical card catalog which includes all the periodical articles indexed by subject. It is a masterfile of references from 1921 to the present.

260. TRANSPORTATION RESEARCH INFORMATION SERVICE. TRIS Data Base. Washington, Transportation Research Board, 1970-

TRIS is an acronym for a series of bibliographic data bases developed and maintained, with Federal funding, by the Transportation Research Board. The major subfiles are: Highway Research Information Service (HRIS); Highway Safety Literature (HSL); Maritime Research Information Service (MRIS) and Railroad Research Information Service (RRIS). A prototype Air Transportation Research Information Service (ATRIS) file with 4000 records covering the period 1977-1979 is also included. TRIS includes references to U. S. and international documents (serials, monographs, books, conference proceedings, government reports, etc.) in the English language only (references to foreign language materials are included if an English abstract can be obtained

260. (Continued)

as well as to research in progress statements). TRIS files incorporate international sources received through agreements with such international organizations as the International Road Research Documentation of the Organization for Economic Cooperation and Development, International Union Of Railways, British and Norwegian Ship Research Association and others; and through domestic files such as those of Engineering Index, Inc., NTIS, NASA and SSIE. Corresponding indexing/abstracting publications include: HRIS Abstracts (Washington, Transportation Research Board. Quarterly); Highway Safety Literature (Washington, National Highway Traffic Safety Administration, U. S. Department of Transportation. Monthly); MRIS Abstracts (Washington, Transportation Research Board. Semiannual); and Railroad Research Bulletin (Washington, Transportation Research Board. Semiannual). TRIS is accessible through DIALOG only.

VII. Library Accessions Lists

261. Current literature in traffic and transportation. Evanston, Illinois, Northwestern University, Transportation Library. Monthly.

Recent acquisitions of books, technical reports, monographs, conference proceedings, and periodical articles received by the Transportation Library are arranged by their subject classification schedule. All modes of transportation are covered with particular emphasis on the social and economic aspects.

262. Selected library acquisitions. Washington, U.S. Department of Transportation, Library Services Division. Monthly.

Monthly list of recent acquisitions received by the U.S. Department of Transportation Library are arranged alphabetically by the main subject heading. It is produced from OCLC tapes and covers all modes of transportation.

263. Selected list of recent acquisitions of the Transportation Library. Berkeley, California, University of California, Institute of Transportation Studies. Monthly.

Alphabetical listing of recent publications according to the main subject heading assigned to that particular entry. All modes of transportation are covered and the list is produced from OCLC tapes.

264. Technical Reference Center Bulletin. Cambridge, Massachusetts, U. S. Department of Transportation, Transportation Systems Center. Monthly.

Printout of monthly acquisitions received by the Transportation Systems Center and arranged by broad subject categories. Produced from OCLC tapes.

VIII. Dictionaries and Glossaries

265. Citizen/Government Transportation Planning Center.
Transportation language; a glossary of terms. Windsor, Connecticut, 1979. 56p.

266. Little, W. I., ed.
Transportation logistics dictionary. Washington, The Traffic Service Corporation, 1977. 459p.

267. Logie, Gordon.
Glossary of transport: English-French-Italian-Dutch-German-Swedish. Amsterdam, Elsevier Scientific Publishing Company, 1980. 269p.

268. Ovens, E. Albert.
A glossary of traffic terms and abbreviations, including a list of tariff publishing agencies. New York, The Traffic Service Corporation, 1967. 38p.

269. Probst, Lester A. and Katherine DeGross.
Transportation dictionary. Gaitherburg, Maryland, Data Tactics, 1979. 127p.

IX. Bibliographies

270. Balachandran, Sarojini.
Transportation statistics. Monticello, Illinois, Council of Planning Librarians, 1976. 43p. (CPL Exchange Bibliography no. 1177).

271 Carter, Elizabeth R.
Transportation accidents: a guide to published statistical sources. Monticello, Illinois, Vance Bibliographies, 1979. 9p. (Vance Bibliographies. Public Administration Series no. P-368).

272. Catalog of the Transportation Center Library, Northwestern University. Boston, G. K. Hall, 1972. 9 vols.

Volumes 1-3 includes all subject entries from the catalog prior to 1965. Vols. 4-8 include subject entries from the period 1965-1972. Volume 9 includes the geographic classification used by the Library and geography, commodity, and subject indexes.

273. Davis, Bob J., editor and compiler.
Information sources in transportation, material management, and physical distribution; an annotated bibliography and guide. Westport, Connecticut, Greenwood Press, 1976. 715p.

An annotated bibliography containing basic references to the transportation and physical distribution literature and descriptions of related organizations and educational programs.

274. Hazardous Materials Transportation. Part I: General studies; a bibliography with abstracts. Springfield, Virginia, National Technical Information Service, 1980. 346p. (PB-80-813974).

Covers NTIS-held reports from 1964 through June 1980.

275. Hazardous Materials Transportation. Part II: Radioactive Materials and Wastes; a bibliography with abstracts. Springfield, Virginia, National Technical Information Service, 1980. 195p. (PB-80-811490).

Covers NTIS-held reports from 1964 through May 1980.

276. Hundemann, Audrey S.
Energy consumption: transportation. Springfield, Virginia, National Technical Information Service, 1979. 2v. (NTIS/PS-79/0557/3ST) Vol. 1. and (NTIS/PS-79/0558/1ST) Vol. 2)

An annotated bibliography covering transportation energy consumption and conservation studies for all modes of transportation for the period 1964-1977 (Vol. 1) and 1978 - May 1979 (Vol. 2).

277. Kenton, Edith.
Crime and law enforcement in transportation systems; a bibliography with abstracts. Springfield, Virginia, National Technical Information Service, 1979. 116p. (PB-80-801210).

An annotated listing of NTIS holdings covering law enforcement aspects of motor vehicle operations and accidents, cargo security, vandalism and aircraft hijacking. Covers the period 1964 - November 1979.

278. Kenton, Edith.
Demand and needs of future transportation. Part 2: Surface transportation; a bibliography with abstracts. Springfield, Virginia, National Technical Information Service, 1979. 392p. (NTIS/PS-79/0253/9ST).

An annotated listing of NTIS holdings covering future transportation needs and demands in four transport areas: urban, rail, maritime, and general transportation. Covers the period 1964 - March 1979.

279. Metcalf, Kenneth N.
Transportation: information sources. Detroit, Gale Research Company, 1965. (Management Information Guide no. 78).

An annotated bibliography listing publications, agencies and data sources related to all modes of transportation.

280. National Council of Physical Distribution Management.
Bibliography on physical distribution management. Washington, Marketing Publications, Inc., 1967. 1v. looseleaf. (Annual supplements for 1968 to date available directly from NCPDM, Oak Brook, Illinois).

Covers handbooks, general reference sources, statistical sources and legal and regulatory sources of information on physical distribution.

281. Reebie Associates, eds.
TRANSGUIDE; a guide to sources of freight transportation information. Greenwich, Connecticut, 1980. 381p.

A multimodal reference guide to key international bibliographic sources of general and statistical information on freight transportation. Subject and title indexes are included, as well as vendor/ sponsor addresses and complete order information for all references listed.

282. Roads and Transportation Association of Canada.
Library catalogue. Ottawa, 1976. Annual supplement (A-1078).

The subject card catalog of the RTAC Library. Also includes a separate listing of their periodical holdings.

283. Sources of information in transportation. Compiled by the Ad Hoc Committee of Librarians. Evanston, Illinois, Northwestern University Press for the Transportation Center, Northwestern University, 1964.

The predecessor to this current edition of Sources...., the 1964 edition is an annotated bibliography covering the basic bibliographic references in all modes of transportation.

284. U. S. Department of Transporation, Library Services Division. Energy use in transportation: selected references. Compiled by Anne B. LaFoy. Washington, 1980. 79p. (DOT-OST-LIB-11).

A partially annotated listing of DOT Library holdings of periodical articles, reports and books covering energy use in all the modes of transportation from 1973-1979. Corporate and individual author indexes are included.

285. U. S. Department of Transportation, Library Services Division. Transportation for the handicapped: selected references. Compiled by Anne B. LaFoy. Washington, 1975 39p. (DOT Bibliographic List no. 8).

Coverage of the literature from 1969-74.

286. U. S. Department of Transportation. Office of the Secretary. Bibliography of transportation preparedness documents. Washington, 1975.

An annotated listing of the preparedness documents of the Federal transportation agencies.

287. Young, Mary E. Transportation for the elderly or physically handicapped; a bibliography with abstracts. Springfield, Virginia, National Technical Information Service, 1979. 275p. (NTIS/PS-79/0840/3ST).

Compiled from the NTIS listings only. Multimodal, annotated listing of studies on transportation for the elderly and handicapped covering the period 1964 - July 1979.

X. Legislation and Regulations

288. Act to Regulate Commerce, 1887. Pub. L. 49-41, 49 USC 10101 et seq.

289. Airline Deregulation Act of 1978. Pub. L. 95-504. 92 Stat. 1705.

290. Airport and Airways Development Act of 1970. Pub. L. 91-258. 84 Stat. 236.

291. Airport and Airways Development Act Amendments of 1976. Pub. L. 94-353. 90 Stat. 871.

292, Civil Aeronautics Act of 1938. Pub. L. 75-706. 52 Stat. 973.

293. Clean Air Act Amendments of 1970. Pub. L. 91-604. 84 Stat. 1676.

294. Clean Air Act Amendments of 1977. Pub. L. 95-95. 91 Stat. 685.

295. Department of Energy Act of 1978. Pub. L. 95-238. 92 Stat. 47.

296. Department of Transportation Act of 1966. Pub. L. 89-670. 80 Stat. 931.

297. Electric and Hybrid Vehicle Research, Development, and Demonstration Act of 1976. Pub. L. 94-413. 90 Stat. 1260.

298. Energy Policy and Conservation Act. Pub. L. 94-163. 89 Stat. 871.

299. Federal-Aid Highway Act of 1956. Pub. L. 84-627. 70 Stat. 374.

300. Federal-Aid Highway Act of 1962. Pub. L. 87-866. 76 Stat. 1145.

301. Federal-Aid Highway Act of 1970. Pub. L. 91-605. 84 Stat. 1713.

302. Federal-Aid Highway Act of 1973. Pub. L. 93-87. 87 Stat. 250.

303. Federal-Aid Highway Act of 1976. Pub. L. 94-280. 90 Stat. 425.

304. Federal-Aid Road Act of 1916. Pub. L. 64-155. 39 Stat. 355.

305. Federal Aviation Act of 1958. Pub. L. 85-726. 72 Stat. 731.

306. Highway Revenue Act of 1956. Pub. L. 84-627. (Title II) 70 Stat. 387.

307. Inland Waterways Revenue Act of 1978. Pub. L. 95-502. 92 Stat. 1693.

308. Local Rail Service Assistance Act of 1978. Pub. L. 95-607. 91 Stat. 3059.

309. Merchant Marine Act of 1936. Pub. L. 74-835. 49 Stat. 1985.

310. Motor Carrier Act of 1935. Pub. L. 74-255. 79 Stat. 543.

311. Motor Carrier Act of 1980. Pub. L. 96-296. 94 Stat. 763.

312. National Environmental Policy Act of 1969. Pub. L. 91-190. 83 Stat. 852.

313. National Mass Transportation Assistance Act of 1974. Pub. L. 93-503. 88 Stat. 1565.

314. Noise Control Act of 1972. Pub. L. 92-574. 86 Stat. 1234.

315. Power Plant and Industrial Fuel Use Act of 1978. Pub. L. 95-620. 92 Stat. 3289.

316. Rail Passenger Service Act of 1970. Pub. L. 91-518. 84 Stat. 1327.

317. Railroad Revitalization and Regulatory Reform Act of 1973. Pub. L. 94-210. 90 Stat. 31.

318. Regional Rail Reorganization Act of 1973. Pub. L. 93-236. 87 Stat. 985.

319. Rehabilitation Act of 1973. Pub. L. 93-112 (Section 504). 87 Stat. 355.

320. Shipping Act of 1916. Pub. L. 64-260. 39 Stat. 728.

321. Staggers Rail Act of 1980. Pub. L. 96-448. 94 Stat. 1895.

322. Surface Transportation Assistance Act of 1978. Pub. L. 95-599. 92 Stat. 2689.

323. Transportation Act of 1940. Pub. L. 76-785. 54 Stat. 898.

324. United States Railway Association Amendments Act of 1978. Pub. L. 95-565. 92 Stat. 2397.

325. Urban Mass Transportation Act of 1964. Pub. L. 88-365. 78 Stat. 302.

Regulations

326. U. S. Office of the Federal Register. Code of Federal regulations. Washington, Government Printing Office. Annual.

Titles relevant to transportation include: Title 14 - Aeronautics and Space; Title 23 - Highways; Title 33 - Navigation and Navigable Waters; Title 40 - Protection of the Environment; Title 46 - Shipping; Title 47 - Telecommunications; and Title 49 - Transportation.

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AIR TRANSPORTATION

by

Constance Moore

United Airlines Library

September 1980

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I. Background Reading

The following books were chosen to present an overall view of most segments of the air transportation industry. Most titles are descriptive of contents. If you choose only one - Kane gives a quick, simplified look at most parts of the industry, but certainly not all.

1. Burkhardt, Robert.
   CAB--the Civil Aeronautics Board. Ottawa, IL, Green Hills Pub. Co., 1974.

2. Burkhardt, Robert.
   The Federal Aviation Administration. New York, Praeger, 1967.

3. Douglas, George W.
   Economic regulation of domestic air transport. Washington, Brookings, 1974.

4. Eads, George C.
   The local service airline experiment. Washington, Brookings, 1972.

5. Fruhan, William E.
   Fight for competitive advantage: a study of the United States domestic trunk carriers. Cambridge, Harvard University Press, 1972.

6. Horonjeff, Robert.
   Planning and design of airports. 2d ed. New York, McGraw-Hill, 1975.

7. Howard, George P.
   Airport economic planning. Cambridge, MIT Press, 1974.

8. Kamp, Jaap.
   Air charter regulation. New York, Praeger, 1976.

9. Kane, Robert M.
   Air transportation. 7th ed. Dubuque, IA, Kendall-Hunt, 1979.

10. Moore, Kenneth C.
    Airport, aircraft, and airline security. Los Angeles, Security World, 1976.

11. O'Connor, William E.
    Economic regulation of the world's airlines, a political analysis. New York, Praeger, 1971.

12. O'Connor, William E.
    An introduction to airline economics. New York, Praeger, 1978.

13. Richardson, J. D.
    Essentials of aviation management. Dubuque, IA, Kendall-Hunt, 1977.

14. Taneja, Nawal K.
    The commercial airline industry. Lexington, MA, Heath, 1976.

15. Taneja, Nawal K.
U.S. airfreight industry. Lexington, MA, Lexington Books, 1979.

16. University of Illinois. Institute of Aviation.
Fundamentals of aviation and space technology. Champaign, IL, 1971.

II. Basic References

17. Aerospace facts and figures. 1945 to date. Washington, Aerospace Industries Association of America ; New York, McGraw-Hill [distributor]. annual.

Since the 1960's, this has been heavier on aerospace than on aviation, but it still gives figures on the technical side which are difficult to find anywhere else on as current a basis.

18. Aerospace yearbook. 1919-1970. Washington. Aerospace Industries Association of America. Publisher varies.

1919-1959 titled Aircraft yearbook. A year-by-year account of aviation events. An excellent historical reference.

19. Air transport. 1937 to date. Washington, Air Transport Association of America. annual. title varies.

The annual overall look at how the industry is doing. Usually each May for the previous year.

20. Commuter Airline Association of America.
Annual report. Washington. title varies each year.

21. Gallup Organization.
Incidence of air travel among the general public. Washington, Air Transport Association of America. annual.

An annual survey for the ATA which monitors the percentage of the population which has ever flown, and how often.

22. Interavia air data [subseries]. Geneva, Interavia S.A. irregular.

Subseries are titled: European IATA carriers, European non-IATA carriers, Airlines in Africa, Airlines in North Africa and the Middle East, Airlines in Latin America, Airlines in Australasia and Oceania. For each country covered, gives a brief set of economic statistics and number of airports, then a more detailed discussion of the status of the industry within the country. For each airline covered, gives as much as is available - at least address and some background information. Coverage for each company may vary from 1/2 page to 20-25 pages. Good on ownership, slow on statistics.

23. Jane's all the world's aircraft. 1910 to date. New York, Franklin Watts. annual.

Aircraft (the word as it should be used) in production. Includes glossary, first flights and official records during the previous year. Discusses recent developments for each manufacturer, and for each aircraft. Specifications, performance, 3 view drawings, photographs.

24. U.S. Civil Aeronautics Board.
Handbook of airline statistics. 1934 to date. Washington, Government Printing Office. biennial.

The 1973 edition is the last complete edition, and the best. Later editions update only some tables, not all. In addition to statistics (some historical), it has excellent chronologies. Adequate index.

25. U.S. Federal Aviation Administration.
FAA historical factbook. 2d ed. Washington, Government Printing Office, 1974.

A good chronology, with a comprehensive index.

26. U.S. Federal Aviation Administration.
FAA statistical handbook. 1944 to date. Washington, Government Printing Office. annual.

Gives all sorts of statistics on the technical side. Its major drawback is the snail's pace at which it is updated. Gives FAA appropriations, air way mileages, tower activity, airport activity, aircraft, and some data derived from other, better, sources.

27. World airline record. 7th ed. Chicago, Roadcap and Associates, 1972.

A labor of love, and it shows. For the airlines covered, gives the best background summaries available anywhere. In most cases, gives route maps. For U.S. airlines, these are changing so rapidly that the last ones are no longer accurate.

28. World aviation directory. 1940 to date. Washington, Ziff-Davis. semiannual.

The indispensable reference. Lists anybody or anything connected with air transportation. See also item 67.

III. Statistical Sources

Practically all statistics relating to the airline industry derive from forms filed by the carriers with the Civil Aeronautics Board; most of these come from the Form 41 "Report of financial and operating statistics for certificated air carriers." Not listed here are such things as regularly issued brokerage house reports, which may manipulate the figures, but which are still based on reports to the CAB. The Board currently has underway a review of its reporting requirements in view of the Airline Deregulation Act, and some changes are being made. When the CAB sunsets at the end of 1984, a good many of the forms will no doubt pass to other agencies.

29. Air Transport Association of America.
Comparative statements. 1939-1974. Washington.

The Form 41 reports, combined so that carrier comparisons show. Also includes station and aircraft comparisons.

30. Airline industry data. Washington, AVMARK, Inc. quarterly.

Three subseries: U.S. trunkline carriers and Pan Am, U.S. regional carriers, U.S. cargo/supplemental carriers. Form 41 statistics, with some additions from the Securities and Exchange Commission 10K reports, dealing with income, balance sheet, revenue and expenses, and traffic. Some financial ratios and percentages are calculated.

31. International Air Transport Association.
World air transport statistics. 1949 to date. Geneva, IATA. annual.

The international equivalent of ATA's Air Transport. How the industry is doing worldwide.

32. International Civil Aviation Organization.
Digest of statistics [subseries]. Montreal, ICAO.

Based on reports filed by each contracting state. The Board files for the United States, primarily from Form 41 reports. Issued at least a year later than comparable U.S. reports, but invaluable for international carriers which belong to ICAO.

33. AT - Airport traffic. annual.

By country, city, airport - gives aircraft movements, passengers, freight, and mail - monthly, with a five year summary.

34. R - Civil aircraft on register. annual.

Number of airplanes, by type and country, and by country and type.

35. F - Financial data. annual.

Operating revenue, operating expense (direct and indirect), operating results, net profit (loss), assets - by country and carrier; percent distributions; individual tables by country and carrier.

36. FP - Fleet personnel. annual.

Number of aircraft and personnel, number of hours flown, kilometres flown by country and airline, utilization. Also gives for each airline the number of personnel, and average annual pay, by type of personnel.

37. Non scheduled air transport. annual.

Both traffic and financial factors for as many non-scheduled operators as report.

38. OFOD - On-flight origination and destination. quarterly.

Gives by city-pair, passengers, freight, mail. Totals only (no carrier detail).

39. T - Traffic, commercial air carriers. annual.

By country and carriers, gives aircraft kilometres, departures, hours, passengers, freight-tonnes, seat kilometres available, and passenger load factor; gives ton kilometres for passengers, freight, mail; tonne kilometres available, and weight load factor.

40. TF - Traffic by flight stage. quarterly.

By city pair, gives seats available, passengers, load factor, payload capacity, freight, mail, aircraft type and number of flights. Also gives airport to airport distances.

41. Report of financial and operating statistics for certificated air carriers. (Form 41) authored by each carrier which files.

Listed here because so many references are made to it. The Board keeps copies in its Public Reference Room, and will provide copies of individual pages for a fee. The Air Transport Association has had since 1975 a microfiche service whereby they provide all copies - again for a fee.

42. U.S. Civil Aeronautics Board.
Air carrier financial statistics. 1942 to date. Washington, Government Printing Office. quarterly.

1942-1953 combined with Air Carrier Traffic Statistics as the Recurrent Reports. Provides revenues, expenses, income, and balance sheet items for certificated carriers; but only income data for charter air carriers.

43. U.S. Civil Aeronautics Board.
Air carrier traffic statistics. 1942 to date. Washington, Government Printing Office. monthly.

1942-1953 combined with Air Carrier Financial Statistics as the Recurrent Reports. Provides traffic data for carrier groups and individual certificated carriers, as well as minimal data for charter carriers.

44. U.S. Civil Aeronautics Board;
Aircraft operating cost and performance report. 1967 to date. Washington, Government Printing Office. annual.

Mostly data derived from the Form 41 reports. Aircraft operating costs and performance data by equipment and carrier group, by equipment type and carrier group, and equipment type by carrier.

45. U.S. Civil Aeronautics Board.
Airline industry economic report. September 1967-June 1978. Washington, The Board. quarterly.

Superseded by Interim Financial Results.

46. U.S. Civil Aeronautics Board.
Airport activity statistics. 1955 to date. Springfield, Va., National Technical Information Service [distributor]. semiannual.

Based on Form 41, schedules T 3a,b,c. Basically a report, by carrier and airport and aircraft type, of enplaned passengers, enplaned revenue tons (by category). Various permutations give the data various ways, with various totals.

47. U.S. Civil Aeronautics Board.
Commuter air carrier traffic statistics. 1970 to date. Washington, The Board. semiannual.

With the Airline Deregulation Act, interest in commuters is increasing, and this is probably the only report to give much information. Based on Form 298-C, Schedule T-1, the report covers only scheduled service. By carrier and by city, gives passengers, cargo, mail. Ranks both by passengers and by passenger miles, by cargo (in pounds), and cargo ton miles, mail (pounds), and mail ton miles. (Non scheduled services are not reported, which makes it difficult to tell how this segment of the industry is really growing.)

48. U.S. Civil Aeronautics Board.
Competition among domestic air carriers. 1955-1967. Washington, Air Transport Association of America. quarterly.

Based on the Origination-Destination Survey, item 51. Showed carrier vs. carrier in competing markets, gave percentage of market share. Since 1968, United Airlines has produced inhouse and does make microfiche copies available outside the company.

49. U.S. Civil Aeronautics Board.
Fuel cost report. July 1973 to date. Washington, The Board. monthly.

By carrier, gives gallons, total cost, average price per gallon, percent changes, and totals.

50. U.S. Civil Aeronautics Board.
Interim financial results. 1971 to date. Washington, The Board. quarterly.

Beginning in September 1978, a combined report from the Interim Financial Report, 1971-1978, and the Airline Industry Economic Report, 1968-1978. Preliminary to the Air Carrier Financial Report and the Air Carrier Traffic Report. Gives, by carrier, operating profit, net income, revenue per passenger mile and rate of return.

51. U.S. Civil Aeronautics Board.
Origination-destination survey of airline passenger traffic. 1939 to date. Washington, Air Transport Association of America. quarterly. title, period, coverage vary.

A voluntary form in the past, rulemaking is underway to make it mandatory. Presently based on ten percent of the tickets lifted, the basic report shows the complete routing - origination, intermediate stops, destination, carrier performing each segment, and the fare basis for the segment (added in 1968). Effective with the 1968 report, some tables were dropped from the printed report, new tables were put on microfilm, and the international tables were put on a restricted status. Tables show city summary, rank order by various items, and city pair summary. Table 10 includes city to city mileages.

52. U.S. Civil Aeronautics Board.
Report on airline service. February 1979 to date. Washington, The Board. monthly.

A report instituted to measure the effects of the Airline Deregulation Act, especially on smaller cities. Based on Official Airline Guide schedule data, the report compares aircraft departures; new stations served and/or dropped (by carrier); list of smaller cities and city pairs where carriers plan to drop service; fare yield (from O & D tapes), traffic, load factor, market shares.

53. U.S. Civil Aeronautics Board.
Schedule arrival performance. 1969 to date. Washington, The Board. monthly.

Shows, by city pair and carrier, the total flights operated, number on time, and percent on time.

54. U.S. Civil Aeronautics Board.
Seasonally adjusted traffic. 1974 to date. Washington, The Board. monthly.

Total revenue passenger miles and available seat miles on an adjusted basis. A preliminary report.

55. U.S. Civil Aeronautics Board.
Subsidy for U.S. certificated air carriers. 1951 to date. Washington, The Board. annually on an irregular basis.

Based on Board records. Originally entitled Administrative Separation of Subsidy from Total Mail Payments. The 1974 edition was the last full report, with supplements which update only those charts which require it. Gives allocation of subsidy payments by group and carrier; subsidy accruals, 1954 to date, by carrier. Subsidy payments can also be found in the Air Carrier Financial Reports and in carrier annual reports, but the figures will not match the subsidy report.

56. U.S. Civil Aeronautics Board.
Trends in all cargo service. 1963-June 1977. Washington, The Board. Mostly biennial.

Based on Form 242 reports, which were discontinued June 1978 in response to Public Law 95-163 (Section 418 of the Federal Aviation Act as amended), the report covered only cargo which was carried in aircraft configured for cargo (belly pit cargo was not covered). This or a similar report will probably be re-instituted in response to provisions of the Airline Deregulation Act. Gives financial and traffic trends by carrier for fiscal and calendar years.

57. U.S. Federal Aviation Administration.
FAA air traffic activity. 1941 to date. Springfield, VA, National Technical Information Service. semiannual.

Based on reports from FAA centers which handle air traffic, the reports are used by FAA primarily for workload measurement. Data include airport, aircraft departures, aircraft flyovers, instrument operations by type of operation (air carrier, air taxi, general aviation, military). Most items are also put in rank order.

58. U.S. international air travel statistics. 1976 to date. Cambridge, MA, Transportation Systems Center. monthly/quarterly/annual.

Preceded by Immigration and Naturalization Service: Passenger travel between the United States and foreign countries, 1931-1975, which gave arrivals by sea as well. Compiled by the Transportation Systems Center, based on forms collected by the Immigration and Naturalization Service. Separates arrivals from departures, commercial from military travel, gives country of origin and port of arrival; for departures, gives port of departure and destination country.

IV. Directories

59. Air freight directory. 1961 to date. Annapolis, MD, Air Cargo, Inc. bimonthly.

A guide to U.S. scheduled airlines official ground services.

60. Official airline guide [subseries]. Oak Brook, IL, Official Airline Guides.

61. Air cargo guide. 1971 to date. monthly.

Lists flights on which cargo can be carried, worldwide.

62. Ground transportation services. 1974 to date. bimonthly.

Sections by company list (in state, city order) cars available and rates. Gradually being expanded.

63. Official airline guide, North American edition. semimonthly. title, publisher vary.

Timetable edition 1929-1968. Quick reference edition, 1957 to date. A guide to who flies where in the U.S., Canada and Mexico, and for how much.

64. Official airline guide, worldwide edition. monthly. title, publisher vary.

Timetable edition, 1945-1969. Quick reference edition, 1957 to date. The international equivalent of the North American edition.

65. Travel planner, North American edition. 1959 to date. quarterly.

Lists destinations and how to get there by air. Under each on-line city, lists all air carriers serving the city. For major cities, gives airport diagrams.

66. Travel planner, European edition. 1978 to date. quarterly.

All about destinations, events, entry requirements, and how to get there. Under cities with airports, gives airlines which serve the city.

67. World aviation directory. 1940 to date. Washington, Ziff-Davis. semiannual.

Lists domestic and foreign carriers, with home and regional offices, addresses and phone numbers. Lists personnel generally to manager level. Gives manufacturers, vendors, subcontractors, consultants, airports, etc., etc., etc. The most comprehensive directory to anything connected with aviation. Has a company and personnel index.

V. Periodicals

Other periodicals and house organs can be found through the World Aviation Directory, as well as regular periodical listings.

68. Air cargo magazine. 1942 to date. Oak Brook, IL, Official Airline Guides, Inc. monthly.

News and articles relating to air cargo.

69. Air line pilot. 1931 to date. Washington, Air Line Pilots Association. monthly.

News of the industry of particular interest to pilots.

70. Air transport world. 1964 to date. Washington, Reinhold. monthly.

Articles of wide interest to the industry.

71. Air world. 1947 to date. Ossining, NY, EXXON. quarterly.

Broad range of articles, worldwide.

72. Airline executive. October 1977 to date. Washington, Airline Publishing Group. monthly.

Also does articles of broader interest.

73. Airport services management. 1960 to date. Minneapolis, Lakewood Press. monthly.

"The business magazine for airport operations."

74. Airports international. 1968 to date. London, IPC Business Press. bimonthly.

What's happening at airports, worldwide.

75. Aviation daily. 1937 to date. Washington, Ziff-Davis. daily, Monday through Friday.

The newsletter for the industry.

76. Aviation engineering and maintenance. 1977 to date. Santa Clara, CA, Hamilton Burr. monthly.

News and articles affecting people in engineering and maintenance.

77. Aviation week and space technology. 1916 to date. New York, McGraw-Hill. weekly.

Articles about all aspects of the aviation complex.

78. Business and commercial aviation. 1958 to date. Washington, Ziff-Davis. monthly.

News and articles aimed at general aviation interests.

79. Commuter air. June 1979 to date. Washington, Airline Publishing Group. monthly.

News and articles for commuter carriers and air taxi operators.

80. Flight international. 1909 to date. London, IPC Business Press. weekly.

News and articles worldwide. Has special compilations such as commercial aircraft fleets, and airliner simulator census, etc.

81. ICAO bulletin. 1947 to date. Geneva, International Civil Aviation Organization. monthly.

Indepth articles of interest to contracting states, as well as news of ICAO actions and developments.

82. Interavia, world review of aviation. 1946 to date. Geneva, Interavia S.A. monthly.

News and articles on the aerospace industry worldwide.

83. Journal of air law and commerce. 1930 to date. Dallas, School of Law, Southern Methodist University. quarterly.

Articles, comments and casenotes on aviation law. Includes bibliography in each issue.

84. Times, unnumbered. Washington, Commuter Airline Association of America. monthly.

News of interest to commuter carriers, by the Association.

VI. Indexing and Abstracting Services, Data Bases

85. Air University index of military periodicals. 1949 to date. Maxwell Air Force Base, AL. quarterly/annual.

Good for the 65 or so periodicals that are covered, but it really is oriented to the military side.

86. AIRMARKET [data base]. Washington, Civil Aeronautics Board [producer]; Richmond, Va., The Computer Company [distributor].

Form 41 data from 1968; O & D data from 1st quarter, 1973; ER 586 (Service Segment) data from January 1973; Form 242 data from 1968 to June 1978. Includes software for manipulation. Updating varies as the schedules are filed.

87. ATRIS [data base]. Washington, Federal Aviation Administration [producer]; Palo Alto, CA, Lockheed Information Systems [distributor].

"Air transportation research information service" - the aviation portion of Tris-on-line. Articles, books, etc., which are of primary interest to the researcher. Its true utility is yet to be tested; at the present time it is not being updated.

88. AVIATION [data base]. Washington, Civil Aeronautics Board [producer]; Toronto, I.P. Sharp [distributor].

Same as AIRMARKET above. In addition, contains some Canadian data, and some IATA North Atlantic data. Updating varies as schedules are filed.

89. Index of ICAO publications. Geneva, International Civil Aviation Organization. annual/cumulative for several years.

A combined author, subject list which traces documents from commission or committee working papers to corresponding council papers and minutes. Has separate lists of obsolete and other papers, and basic documents.

90. INS [data base]. Cambridge, Transportation Systems Center [producer]; Toronto, I.P. Sharp [distributor].

On-line information from the U.S. International Travel Statistics, 1975 to date. Updated monthly.

91. National Technical Information Service
Weekly government abstracts: transportation. Springfield, Va., weekly.

A list, with abstracts, of materials available through NTIS.

92. OAG [data base]. Oak Brook, IL, Official Airline Guides, Inc. [producer]; Toronto, I.P. Sharp [distributor].

Data from the Official Airline Guide listing - covers both domestic and international flight schedules. Updated nine days prior to the month covered.

93. U.S. Civil Aeronautics Board.
Data index. 1st ed. Washington, The Board, 1976.

Tabular form for items required by, or to be found in, reports made to the Board.

VII. Library Accession Lists

Coverage in each list varies. Air Canada includes periodicals as well as monographs; University of California reproduces catalog cards in subject order; United Airlines lists only selected monographs; the International Civil Aviation Organization combines some of all. All the lists cover multimodal aspects, as well as other aspects of interest to each clientele.

94. Air Canada. Library.
Library bulletin. Montreal. monthly.

95. Air Transport Association of America. Library.
Recent library acquisitions. Washington. irregular.

96. International Civil Aviation Organization.
Library information, recent accessions and selected articles. Montreal. bi-monthly.

97. University of California. Institute of Transportation Studies. Library.
Selected list of recent acquisitions of the Transportation Library. Berkeley, CA. irregular.

98. United Air Lines. Library.
Library bulletin. Elk Grove Township, IL. irregular.

VIII. Dictionaries and Glossaries

99. Gentle, Ernest J.
Aviation and space distionary. 5th ed. Fallbrook, Ca, Aero Publishers, 1974.

A basic dictionary in a specialized field.

100. Moser, Reta C.
Space age acronyms: abbreviations and designations. New York, IFI/Planum, 1969.

Comprehensive, if you have the acronym.

101. Nayler, J. L.
Dictionary of aeronautical engineering. Totowa, NJ, Littlefield Adams, 1967.

Terms used by the aeronautical engineer in applying concepts from many, varied fields.

102. U.S. Civil Aeronautics Board.
Glossary of air transportation terms. 1st ed. Washington, The Board, 1977.

Definitions peculiar to the economic regulation of the airlines. Compiled from glossary sections in the Uniform System of Accounts and Reports, the Air Carrier Financial Statistics, as well as the Handbook of Airline Statistics.

103. World airlines technical operations glossary. Washington, Air Transport Association of America; Montreal, International Air Transport Association : Washington, International Coordinating Council of Aerospace Industries Association. annual.

WATOG is compiled by a committee of six airline members and six manufacturer members. Terms are accepted only by a unanimous vote. The listing includes equivalent terms.

IX. Bibliographies

Most list all publications available. The Federal Aviation Administration Guide does not, but does give guidance in how and where to find most of what you want.

104. International Civil Aviation Organization.
Catalogue of ICAO publications. Geneva, ICAO. annual.

105. U.S. Civil Aeronautics Board.
List of publications of the Civil Aeronautics Board. Washington, The Board. annual.

106. U.S. Federal Aviation Administration.
Guide to Federal Aviation Administration publications. Washington, Government Printing Office. irregular.

107. U.S. National Transportation Safety Board.
List of National Transportation Safety Board publications. Washington, The Board. annual.

X. Accidents

108. U.S. National Transportation Safety Board.
Aircraft accident reports. 1930's to date. Springfield, VA, National Technical Information Service. irregular. author, title, publisher vary.

The most detailed report available on what happened during, before, and after an aircraft accident. Has a finding of probable cause.

109. U.S. National Transportation Safety Board.
Annual review of aircraft accidents, U.S. air carrier operations.
Springfield, VA, National Technical Information Service. annual.

A listing and analysis of all air carrier accidents for the year covered. Accident rates by aircraft make and model, cause, phase of operation, etc. Compares scheduled and non-scheduled operations.

110. U.S. National Transportation Safety Board.
Annual review of aircraft accident data, U.S. general aviation.
Springfield, VA, National Technical Information Service. annual.

Same as above, except that it covers all non-airline operations.

XI. Airplanes

111. Air world, Turbine engined fleets of the world's airlines, special issue. Ossining, NY, EXXON. annual.

By airline - gives aircraft, powerplant, remarks. Easy to use.

112. Aviation week, Aerospace forecast and inventory issue (March issue). New York, McGraw-Hill. annual.

Gives growth trends for the entire aerospace industry, as well as specifications for U.S., Soviet, and other international aircraft, missiles, launch vehicles, spacecraft, commercial transports and engines. In chart form.

113. Commercial aircraft fleets. Washington, AVMARK, Inc. semiannual.

A carrier must own a jet powered aircraft to qualify for listing. Alphabetically by airline - gives aircraft, whether the transaction listed is a delivery, a lease, a sale, or an order; then totals as in service, on order, on option. Summarizes by make and model.

114. Flight international, Airliner prices guide issue. London, IPC Business Press. annual.

Prices for half time aircraft with half time engines, in U.S. dollars.

115. Flight international, Commercial aircraft of the world issue. London, IPC Business Press. annual.

Discusses, by manufacturer, commercial aircraft development. Includes orders where appropriate. Separate pages give performance data and specifications.

116. Jane's all the world's aircraft. New York, Franklin Watts. annual.

Aircraft (the word as it should be used) in production. Includes glossary, first flights and official records during the previous year. Discusses recent developments for each manufacturer, and for each aircraft. Specifications, performance, 3 view drawings, photographs.

117. JP airline fleets international. Zurich-Airport, Switzerland, JP Editions. annual.

Complete lists of a carrier's fleet - arranged by ICAO country code, then by registration number. Gives manufacturer, serial number, fleet number, previous identity, remarks. Other sections give airline with home offices; coding lists; and pictures with data on the 100 or so most common aircraft.

118. Lloyd's Aviation Department.
Aircraft types and prices. London, The Corporation of Lloyd's. annual.

The first section lists (by aircraft type) engines, material of construction, cruising speed, maximum weight and range, seats, years built, and remarks. The second section gives (by manufacturer) model, year, price (usually during the last year manufactured). There is an index, list of abbreviations, and registration prefixes.

119. Transport aircraft values, 1970-1984. 1st ed. Washington, AVMARK, Inc., 1976.

New and used prices, current rket values. Includes economic and performance statements. Can be updated with AVMARK Newsletter, a monthly report on aircraft values.

120. U.S. Federal Aviation Administration.
Acceptable methods, techniques and practices: aircraft alterations. Washington, Government Printing Office, 1977. (Advisory circular 43.1302A)

Basic instructions for altering aircraft and aircraft systems. Should be used in conjunction with type certificate data.

121. U.S. Federal Aviation Administration.
Acceptable methods, techniques and practices: aircraft inspection and repair. Washington, Government Printing Office. irregular. (Advisory circular 43.13-1A)

Basic instructions for inspecting and repairing aircraft and aircraft systems. Should be used in conjunction with airworthiness requirements in type certificates.

122. U.S. Federal Aviation Administration.
Census of U.S. civil aircraft. Washington, Government Printing Office. annual.

Based on FAA registration records. By aircraft type, gives manufacturer, model, seats, power plant; region, state, county; flight time. Gives number of pilots and airfields registered. Has summary tables and glossary.

123. U.S. Federal Aviation Administration.
Type certificate data sheets and specifications. Washington, Government Printing Office. irregular.

Basic documents relating to certification of an aircraft as airworthy. Contents: v. 1. Single engine airplanes.--v. 2. Small multiengine airplanes.--v. 3. Large multiengine airplanes.--v. 4. Rotorcraft, gliders and balloons.--v. 5. Aircraft engines and propellers.

124. U.S. Federal Aviation Administration.
U.S. civil aircraft register. Washington, Government Printing Office. annual.

By registration number (N number) gives manufacturer's serial number, make, model, year manufactured, type, type of owner, owner and address. To be done in the future in fiche only.

125. World airline fleets. Hounslow, Middlesex, England, Airline Publications and Sales, Ltd. annual.

Complete lists of an airline's fleet - arranged alphanumerically by registration number. An index by country gives registration prefixes, and one by airline name gives page numbers.

XII. Airports and Airways

126. U.S. Federal Aviation Administration.
Aviation forecasts [ten year period]. Springfield, VA, National Technical Information Service. annual.

Forecasts for a ten year period (e.g., 1979-1990) various components of the national aviation system. A planning document.

127. U.S. Federal Aviation Administration.
National airport system [ten year period]. Washington, Government Printing Office. irregular.

Discusses the national airport system and identifies future needs for ten years. A preplanning document.

128. U.S. Federal Aviation Administration.
National aviation system plan [ten year period]. Washington, Government Printing Office. irregular.

A ten year plan for improvements to the national aviation system (airports, airways, air traffic control, etc.)

129. U.S. Federal Aviation Administration.
Report on operations under the Airport and Airway Development Act. Washington, Government Printing Office. annual.

Tells us what was actually done on the national airport system during the previous year.

130. U.S. National Ocean Survey.
Airport/facility directory. Riverdale, MD. 7 v. every 8 weeks.

Contains an airport/facility directory, by state and city, of all airports, seaplane ports, and heliports open to the flying public. Gives communications data, navigational facilities, and other notices. Entries include airport designator, latitude and longitude, distance and directions from city, elevation, etc.

XIII. Laws and Regulations

131. Aeronautical statutes and related materials. Washington, Government Printing Office. looseleaf, irregular.

A handy volume for any law or executive order affecting the airlines - the Supplemental Appropriations Act of 1940, the Organized Crime Control Act of 1970, the Railroad Labor Act, the Postal Reorganization Act and Executive Order 1105 [responsibilities of the Office of Emergency Preparedness] etc.

132. Air laws and treaties of the world. Prepared by William A. Strauss at the request of Senator Warren G. Magnuson, Committee on Commerce, U.S. Senate. Washington, Government Printing Office, 1965. 3 v.

Excellent compilation to the end of the period which it covers. For the United States, it can be updated by the Treaties and Other International Acts series from GPO.

133. Aviation cases. Chicago, Commerce Clearing House. irregular.

"Full text of court decisions in cases involving aviation law, with general case table, jurisdictional case table, and topical index." Updated by Aviation Law Reports, also by CCH.

134. Code of federal regulations. Title 14, Aeronautics and Space. Washington, Government Printing Office. annual.

Codification of regulations of the Civil Aeronautics Board, the Federal Aviation Administration (Department of Transportation), and the National Aeronautics and Space Administration.

135. Code of federal regulations. Title 49, Transportation. Washington, Government Printing Office. annual.

In particular, Section 175, Transportation of hazardous materials by air.

There are other parts in other titles, of course, which affect the airlines directly, such as the Department of Agriculture for transportation of animals, and the Public Health Service for sanitation in food handling.

136. U.S. aviation reports. Dobbs Ferry, NY, Oceana. annual.

Court cases. Index by jurisdictions, table of cases, case reports, other miscellaneous (federal statistics, press releases, executive orders, treaties).

137. U.S. Civil Aeronautics Board.
CAB reports. Washington, Government Printing Office. irregular.

Reports of economic cases decided by the Board. In addition, has lists of cases reported, cases cited, cases disposed of by order, miscellaneous economic orders, economic decisions by the Board, digests.

138. U.S. Civil Aeronautics Board.
Legislative history of the CAB regulations. Washington, Government Printing Office. looseleaf, irregular.

The regulations, with changes in chronological order.

139. U.S. Civil Aeronautics Board.
Regulations of the Civil Aeronautics Board. Washington, Government Printing Office. irregular.

An updating service for 14 CFR 200-399 (excepting 241). Regulations pertaining to the economic side of the industry.

140. U.S. Civil Aeronautics Board.
Uniform system of accounts and reports for certificated air carriers. Washington, Government Printing Office. irregular.

14 CRF 241. An updating service. Part 241 prescribes the forms, and their content, which must be filed with the Board to enable them to monitor the industry. These reports are the basis for most of the statistics relating to the industry.

141. U.S. Federal Aviation Administration.
Advisory circulars. Washington, Federal Aviation Administration. irregular.

Explanatory materials supplemental to the Federal aviation regulations.

142. U.S. Federal Aviation Administration.
Federal aviation regulations. Washington, Government Printing Office. irregular.

An updating service for 14 CFR 1 - 299. Regulations regarding safety, airmen, airports, airways, air traffic control, etc.

XIV. Routes and Mileages

It may be impossible in the future to keep up with routes, but the OAG will give schedules and the Travel Planner will give airlines serving each city. Annual reports will probably give simplified maps. In addition to the sources below, mileages appear in the Origination-Destination Survey and in the Digest of Statistics, Series TF. It may prove necessary in the future to add mileages to some common sources such as the OAG.

143. International Air Transport Association.
Air distances manual. Geneva, IATA/IAL. annual.

Nonstop mileages worldwide. Would be iffy for shorter U.S. mileages.

144. U.S. Civil Aeronautics Board.
Book of official airline route maps and airport to airport mileages. 27th ed. Chantilly, VA, Airline Tariff Publishers, 1978.

Publication discontinued with the 27th edition due to the rapidity of change after the Airline Deregulation Act. Gave route maps for each certificated airline and the conditions under which it could be operated. Also gave non-stop airport mileages, and the carrier which flew nonstop.

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RAILROADS

by

Helene Dechief
Librarian Emeritus
Dechief Library
Canadian National Railways

May 1981

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I. Basic References

Regulation and Policy

1. Association of American Railroads. Legislative Dept.
   Weekly legislative report. Washington.

2. Association of American Railroads. Legislative Dept.
   Major railroad legislation. Washington. monthly.

3. Canada. Laws, statutes, etc.
   An Act Respecting Railways = Loi concernant les chemins de fer. Ottawa, Queen's Printer, 1970. 244 p.

   Kept up-to-date with supplements.

4. Canada. Board of Transport Commissioners.
   Concordance of the Railway Act, R.S.C. 1952, c234, containing a history of the Railway Act, a table of parallel sections and an expanded analytical index to the Railway Act and also the Transport Act, the Maritimes Freight Rates Act, the National Energy Board Act, rules and practice of the Board of Transport Commissioners for Canada, compiled by the legal staff of the Board of Transport Commissioners for Canada. Toronto, Canada Law Book Co., 1964. 1 v. (various pagings).

   This excellent concordance has not been updated.

5. Canadian Transport Commission. Railway Transport Committee.
   Consolidation of general orders. Part 2, Operating. Ottawa. Updating service.

   --- Orders. Ottawa.

   --- Decisions. Ottawa.

6. U.S. Congress. House. Committee on Interstate and Foreign Commerce.
   Compilation of certain railroad laws within the jurisdiction of the Committee on Interstate and Foreign Commerce, including Regional Rail Reorganization Act of 1973, Railroad Revitalization and Regulatory Reform Act of 1976, Part I of the Interstate Commerce Act, Rail Passenger Service Act, Federal Railroad Safety Act of 1970, Railway Labor Act, Railroad Retirement Act, Railroad Unemployment Insurance Act, and related materials. Washington, U.S. G.P.O., 1977. 570 p.

7. U.S. Congress. House. Committee on Interstate and Foreign Commerce. Subcommittee on Transportation and Commerce.
   The Rail Act of 1980: background materials prepared for the use of the Committee. 96th Congress, second session. Washington, U.S. G.P.O., 1980. 91 p. Includes bibliographical references.

8. U.S. Congress. House. Committee on Interstate and Foreign Commerce.
   Rail Act of 1980: report together with separate and additional

views of the Committee on Interstate and Foreign Commerce. Washington, U.S. G.P.O., 1980. 228 p.

9. U.S. Congress. Senate. Committee on Commerce, Science and Transportation.
   Railroad Transportation Policy Act of 1979: hearings before the Committee ... 96th Congress, first session on S. 1946 ... Washington, U.S. G.P.O., 1980-

   A continuing series.

10. U.S. Dept. of Transportation. Office of the Secretary.
   Final standards, classification, and designation of lines of Class I railroads in the United States, submitted in accordance with section 503(e) of the Railroad Revitalization and Regulatory Reform Act of 1976 (P.L. 94-210). Washington, U.S. G.P.O., 1977. 2 v.

11. U.S. Federal Railroad Administration.
   FRA organization manual. Washington, U.S. G.P.O., 1979.

12. U.S. Federal Railroad Administration.
   Rail planning manual. Washington, 1976-1978. 2 v.

   v. 1. Guide for decision makers.--v. 2. Guide for planners. (v. 1 is reprinted in v. 2.) Supplement to v. 2: preliminary bibliography; v. 2, chap. 2: light density lines.

   This manual was conceived as an aid to those states seeking financial assistance under the Railroad Revitalization and Regulatory Reform Act of 1976 with an object to plan rail transportation in conjunction with other modes of transportation. The bibliography is particularly helpful.

13. U.S. Office of the Federal Register.
   Code of federal regulations. Title 49, Transportation. Washington, U.S. G.P.O. annual.

   Regulations dealing with railroads are presented in parts 200-299, some sections of parts 800-899 and parts 1200-1299.

14. United States Railway Association.
   Final system plan. Washington, 1975. 2 v. (920 p.)

   This study provides a way to restructure the rail system of the United States. The study was undertaken as a result of the Regional Rail Reorganization Act of 1973.

15. United States Railway Association and U.S. Federal Railroad Administration.
   Alternatives for Conrail: a joint staff report. Washington, U.S. G.P.O., Sept. 1979. 115 p.

Energy

16. Khan, Ata.
    Railway electrification: energy implications. Ottawa, Science Council of Canada Committee on Opportunities in Canadian Transportation, 1980. 81 p. (Transportation energy utilization working paper 4)

17. SRI International.
    Railroad electrification in America's future: an assessment of prospects and impacts. Menlo Park, Calif., Jan. 1980. 157 p. Prepared by Ronald K. White et al. Prepared for U.S. Department of Energy Office of Transportation Programs.

18. Transportation Systems Center.
    Railroads and the environment: estimation of fuel consumption in rail transportation. Cambridge, Mass., 1975-1977. 3 v. Prepared by John Hopkins and A.T. Newall.

Management

19. Armstrong, John H.
    The railroad - what it is, what it does: the introduction to railroading, edited by Marc Green. Omaha, Neb., Simmons-Boardman, 1978. 240 p.

20. Christ, Edward C.
    Profit management systems: key to stronger railroads. New York, Simmons-Boardman, 1977. 86 p.

    How to correct the flaws in company policy and practice that lead to capital erosion, financial losses and bankruptcy.

21. Consolidated Rail Corporation.
    Summary of business plan ... filed with United States Railway Association. Philadelphia. annual.

    Five-year business plan.

22. Reebie Associates.
    The railroad situation : a perspective on the present, past and future of the U.S. railroad industry. Greenwich, Conn., Sept. 1978. 487 p. (FRA OPPD 79-7) Prepared by C.E. Urba et al.

23. Wyckoff, D. Daryl.
    Railroad management. Lexington, Mass., Lexington Books, 1976. 193 p.

    After a look into how present organizations developed, discusses the tasks before railroad management and a possible course of action.

Pricing - Rates and Costs

24. Canadian Freight Association.
    Canadian Freight Association CFC 6000 (cancels no. 22): ratings, rules and regulations applied on freight traffic covered by tariffs issued subject hereto, issued January 19, 1979 effective March 1, 1979 ... Montreal, 1979. 472 p. Prepared by P.J. Lavalle.

25. Canadian Transport Commission.
    Railway costing study.

    This study in progress - three phases.

26. Darling, Howard.
    The politics of freight rates: the railroad freight issue in Canada. Toronto, McClelland and Stewart, 1980.

27. Heaver, T.D. and James C. Nelson.
    Railway pricing under commercial freedom: the Canadian experience. Vancouver, University of British Columbia Centre for Transportation Studies, 1978. 344 p.

    This book is of interest to those railways who do not have the freedom Canada has under their National Transportation Act which allows for agreed charges.

28. U.S. Interstate Commerce Commission. Bureau of Accounts.
    Rail carload cost scales. Washington. annual.

29. U.S. Interstate Commerce Commission. Bureau of Accounts.
    Explanation of rail cost update procedures. Washington. annual.

Labor and Labor Unions

30. Gohman, John W.
    Air and rail labor relations: a judicial history of the Railway Labor Act. Dubuque, Iowa, Kendall-Hunt, 1979. 373 p.

31. U.S. Railroad Retirement Board.
    A chronology of changes in the Railroad and Employment Insurance Act, 1939-1978. Washington, July 1979. 11 p.

    Every change made in the Act is shown, from the date of its inception to 1979.

Accounting and Freight Classification

32. Association of American Railroads. Accounting Division.
    Railway accounting rules: mandatory and recommendatory accounting rules and forms and rules of order. Washington, 1979.

In 1979, the rules were issued in 2 parts, this item and the item following.

33. Association of American Railroads. Accounting Division.
Railway accounting rules: freight mandatory rule 260 - code numbers on interline forms including abbreviations for carriers, states, provinces; alphabetical junction and division breaking point locations and codes. Washington, 1979.

This is a new publication and part of the rules. The purpose for the change in rules is to minimize errors by code clerks.

34. Association of American Railroads. Economics and Finance Dept.
Freight station accounting code directory. Washington, 1979. triennial.

Alphabetical and numerical lists of freight stations showing number, name, state or province of Canada. Also available on magnetic tape continually updated.

35. Association of American Railroads. Economics and Finance Dept.
Standard transportation commodity code - numerical. Washington, 1976. 1695 p., 9 sheets microfiche.

Also available on magnetic tape - continually updated.

36. Association of American Railroads. Mechanical Division.
Office manual of the interchange rules, effective January 1, 1980. Chicago.

This annual combines mandatory rules covering all aspects of pricing and billing for car repairs, mechanical requirements for acceptance of cars, settlement of disputes, transfer and adjustment of lading. Appendix A: Passenger car rules; Appendix B: Procedures for operating and billing of repair and maintenance pools. Also included is the AAR Data Systems "Print Out" of prices showing labor and material breakdown and applicable charge for each of the 698 job codes.

37. Canada. Board of Transport Commissioners.
Uniform classification of accounts for Class I common carriers by railway, 1959, effective January 1, 1960. Ottawa, 1959. Looseleaf, amending service.

The CTC is presently revising this publication for publication in late 1981.

38. Railway Association of Canada.
Canada freight commodity statistics classification. Montreal. Looseleaf, with amending service.

This manual, approved and prescribed by the Board of Transport Commissioners, contains modifications to the freight commodity statistics classification formerly issued by the AAR.

39. Traffic Executives Association.
Standard transportation commodity code (alphabetical). New York.

Kept up-to-date with supplements.

40. U.S. Interstate Commerce Commission.
Uniform system of accounts for railroad companies, prescribed by the Interstate Commerce Commission. Issue of 1968 revised to January 1, 1978. Washington, Association of American Railroads Economics and Finance Department, 1978.

Taken in part from Title 49, Transportation, Subtitle C - Accounts, reports and records, chapter 10, ICC, part 1201.

Research

41. Association of American Railroads. Research and Test Dept.
Research and test report. Chicago. annual.

These lists may also be found in the Association's price list. Includes on-going projects such as track train dynamics.

42. Association of American Railroads. Research and Test Center.
Track train dynamics to improve freight train performance. 2d ed. Chicago, 1979. 1 v.

This large-scale research project is an international government-industry research program sponsored by the U.S. Federal Railroad Administration, the Railway Progress Institute and Transport Canada's Research and Development Center in Montreal.

43. Massachusetts Institute of Technology. Transportation Systems Division.
Studies in railroad operations and economics. Cambridge, Mass., 1970-

Series of reports on reliability, classification yard performance, network modelling, network rationalization, impact of abandonment. Most of the studies are sponsored by the Federal Railroad Administration.

44. Reebie Associates.
Organization of needed programs within the national rail transportation system. Washington, 1979. 203 p. (FRA-OPPD-79-3) Prepared by R.S. Reebie and A.C. Robertson.

45. Transportation Research Board.
Rail transport research needs. Washington, National Academy of Sciences, 1977. 77 p. (TRB special report 174)

Based on a conference held at Wood's Hole, Mass., July 1975.

46. Transportation Research Board.
Review of rail transport research needs. Washington, National Academy of Sciences, 1980. 78 p. (TRB special report 188)

This report is a follow-up of a 1977 TRB study: Rail transport research needs, commissioned as the result of a research conference held in Wood's Hole. The conference objective was to develop a comprehensive national effort by industry and government and to suggest priorities for a program of research. In June 1979 a seminar was held at Wood's Hole to restudy the needs and priorities of research as suggested in the 1977 report. This 1980 report makes recommendations, based on new needs and priorities and reviews the 516 reports initiated or completed since 1975. The reports are listed in Appendix B.

47. U.S. Dept. of Transportation.
Report on the railroad technology program by the Secretary of Transportation to the President, the Senate and the House of Representatives. Washington, U.S. G.P.O. annual.

Engineering Manuals

48. American Railway Engineering Association.
Handbook of Committee activity. Chicago. annual.

49. American Railway Engineering Association.
Manual of railway engineering - fixed properties. Chicago, 1978. 2 v. updated by supplements.

Chapters may be ordered separately. Deals with all civil engineering aspects of railroad property: roadway and ballast, ties, rail, track; bindings; bridges; masonry; valuation records; sanitation services; yards and terminals; economics of railway location and operation; contract forms; economics of railway labor; maintenance of way work equipment; clearances; etc.

The following manuals, indispensable to railway operations, are described in the Association of American Railroads price list, item 101.

50. Association of American Railroads. Communication and Signal Section.
Communication manual containing technical matters and recommended practices. Washington. 2 v.

51. Association of American Railroads. Communication and Signal Section.
Signal manual of recommended practice. Washington. 2 v. updating service.

52. Association of American Railroads. Mechanical Division.
Field manual of the interchange rules, effective January 1, 1980. Chicago. annual with frequent revisions.

53. Association of American Railroads. Mechanical Division.
Manual of standards and recommended practices. Chicago. updating service.

54. Association of American Railroads. Mechanical Division.
    TOFC/COFC interchange rules governing the interchange of repair to and settlement for trailers and containers used in trailer-on-flat-car (TOFC/COFC) service, effective January 1979. Chicago.

55. Association of American Railroads. Mechanical Division. Electrical Section.
    Electrical manual of standard and recommended practice. Chicago.

    This manual is updated by means of complete revisions of the sections.

Other publications for the various division of the Operations and Maintenance Division of the Association of American Railroads are shown in their price list 98.

The International Union of Railways in Paris provides a similar service to railroads in Europe. Please refer to their price list item 105.

56. U.S. Dept. of the Army.
    Trackage handbook: engineered performance standards for real property maintenance activities. Washington, U.S. G.P.O., 1979. 1 v.

    The U.S. Army manuals on railroads have always interested railroad engineers.

Damage Prevention and Freight Claims

57. Association of American Railroads. Damage Prevention Section.
    List of prevention bulletins - revised. annual.

    See also their price list no. 98.

58. Association of American Railroads. Freight Claims Section.

    For their proceedings, rule books, work manual, investigation directories, see the Association's price list item 98.

59. Augello, William J.
    Freight claims in plain English. Huntington, N.Y., Shippers National Freight Claims Council, Inc., 1979. 744 p.

    Explains how to deal with virtually every claim situation.

60. Knorst, William J.
    Transportation and traffic management. 9th ed. Chicago, College of Advanced Traffic, 1970.

    This book, an old classic, deals particularly with claims, demurrage, insurance, packaging, limited liability, etc.

61. Sigmon, Richard R.
Miller's law of freight loss and damage. 4th ed. Dubuque, Iowa, William C. Brown, 1974. 429 p.

A handbook to assist in the voluntary adjustment of claims for loss and damage. Liability for rail, motor carriers and freight forwarders is governed by Section 20 (11) of the ICC Act.

Safety and Accident Prevention

62. Association of American Railroads. Bureau of Explosives.
Bureau of Explosives' tariff no. BOE-6000 (cancels tariff no. GRM-6000) publishing hazardous materials regulations of the Department of Transportation by air, rail, highway, water and military explosives by water including specifications for shipping containers, effective January 3, 1980. Washington, 1980. 547 p.

This new tariff cancels Graziano's RM series - tariff 32. The parts of particular interest to railroads are nos. 172 to 174.

63. Association of American Railroads. Inter-Industry Task Force on Rail Transportation of Hazardous Materials.
Report. Washington, June 1979. 1 v.

64. Canadian Transport Commission.
Regulations for the transportation of dangerous commodities by rail. Ottawa, Queen's Printer, 1980.

Subscription includes amendment service.

65. Sax, Newton Irving.
Dangerous properties of industrial materials. 5th ed. New York, Van Nostrand Reinhold, 1979. 500 p.

A "must" for every carrier by rail.

66. Standard code of operating rules, adopted 1965 and revised to December 1979. Washington, Association of American Railroads Operations and Maintenance Department. Currently distributed by the Association's Safety and Special Services Division.

The purpose of this book is to ensure safety.

67. Uniform code of operating rules. Revision of 1962 approved and prescribed by the Board of Transport Commissioners of Canada by General Order no. 873, dated the 15th day of November 1961, effective October 28th, 1962. Ottawa.

A French edition was issued in 1977. The Canadian Transport Commission is working on a completely new English and French edition.

68. U.S. Dept. of Transportation. Office of Hazardous Materials Operations.
Index to the hazardous materials regulations. Washington. annual.

69. U.S. Federal Railroad Administration.
Railroad freight car safety standards. Revised 1980. Washington, distributed by the Railway Educational Bureau, Omaha, Neb.

70. U.S. Federal Railroad Administration.
Railroad locomotive safety standards and locomotive inspection. Revised 1980. Washington, distributed by the Railway Education Bureau, Omaha, Neb.

71. U.S. Federal Railroad Administration. Office of Safety.

This Office issues five separate reports:
1. Accident/incident bulletin. annual.
2. Rail-highway grade-crossing accident/incident and inventory bulletin. annual.
3. Railroad accident investigation reports. series.
4. Railroad employee fatalities investigated by the FRA. annual.
5. Summary of accidents investigated by the FRA. annual.

72. U.S. National Transportation Safety Board.
Railroad accident reports. Washington. monthly.

Passenger Services

73. AMTRAK: The National Railroad Passenger Corporation. 1978-1979 annual by Craig T. Anderson. San Francisco, Rail Transportation Archives, 1978. Supplement, January 1, 1979.

Contains a general review of the trains AMTRAK is operating, every piece of rolling stock it owns, cars no longer on the roster, and a time-table for illustrative purposes only. Finally, an excellent bibliography.

74. U.S. Dept. of Transportation.
AMTRAK route system: final report to Congress, as required by the Amtrak Improvement Act of 1978. Washington, Jan. 1979. 1 v.

75. U.S. Interstate Commerce Commission.
Report to the President and the Congress: effectiveness of the Rail Passenger Act of 1970 - Amtrak. Washington, U.S. G.P.O., annual.

76. Via Rail Canada Inc.
Annual report. Montreal.

History

The best source for railroad history is the catalog of the Library of the Association of American Railroads in Washington. Another source (Canadian) is the collection of research papers left to the Canadian National Railways by G.R. Stevens, author of two histories on that railroad. These papers (abstracts of publications, periodical articles and archives) have been indexed in depth. The 15,000 cards (not including cross-references) are available for consultation. It is hoped they may be placed online for use of historical research.

77. The Guiness book of rail facts and feats. 3d ed. Enfield, Middlesex, Guiness Superlatives Ltd., 1979.

II. Statistical Sources

78. Association of American Railroads. Economics and Finance Dept. The economic ABZ's of the railroad industry. Washington, 1980. 1 v. annual supplemental updates.

    Time series for statistics based primarily on carrier reports to the ICC. Arrangement by category: consist of the industry, investment, operating costs, demand/traffic, energy, financial performance, rates, resources availability/utilization.

79. Canadian Transport Commission. Research Branch. Waybill analysis: carload all-rail traffic. Ottawa. annual.

80. Rice, Charles M. Management compensation in the railroad industry. St. Louis. annual.

81. U.S. Federal Railroad Administration. Office of Systems Analysis and Information. Carload waybill statistics ... territorial distribution traffic and revenue by commodity classes, based on a sample of waybills for termination in the year ... Washington. annual.

82. U.S. Interstate Commerce Commission. Bureau of Accounts. Transport statistics in the United States ... Part 1, Railroads, their lessors and proprietary companies and electric railways. Washington. annual.

    The basic compilation of financial and operating statistics for U.S. carriers. Other railroad statistical series issued by the ICC are listed at the beginning of Transport Statistics and in the Commission's annual report.

III. Directories and Maps

83. Allen G. Freeman. The fastest trains in the world. New York, Scribner's, 1978. 160 p.

84. American Map Company.
Cleartype U.S. railroad map. New York, 1979.

Map of U.S. and southern part of Canada. Shows freight and passenger railroads by a code referred to in the legend. Individual inserts of 5 metropolitan areas are given with this 64" x 44" map.

85. Association of American Railroads.
List of principal railroads in the U.S. with address of each. Washington, 1979. irregular.

86. Association of American Railroads.
Railroad maps. Washington, 1977.

A single sheet listing sources and descriptions of available railroad maps.

87. Bullinger's postal and shippers guide for the United States and Canada containing post office and railroad stations ..., list of railroads and water lines, with their terminal point. Westwood, N.J., Bullinger's. annual.

Over 200,000 places listed.

88. Canadian Freight Association.
Railroad map of eastern Canada = Carte ferroviaire de l'est du Canada. Montreal, n.d.

--- Railroad map of western Canada and Alaska. Montreal, n.d.

89. Canadian guide - Canada's up-to-the-minute gazetteer and shippers' directory. Montreal, International Railway Publishing Company Ltd. monthly.

Contains up-to-date information on freight and passenger schedules, route maps, and other information of interest to shippers. Listing of cities and towns with current population.

90. Car and locomotive cyclopedia of American practices: definitions and illustrations of railroad cars and locomotives and their components built for domestic and export service, and including shop practices and a directory of car and locomotive repair facilities, compiled and edited for the Association of American Railroads Mechanical Division. 4th ed. Omaha, Neb., Simmons-Boardman Publishing Corp., 1980. 1047 p.

91. Hollingsworth, Brian.
Atlas of the world's railways. New York, Everest House, 1980. 350 p.

Country by country, the author writes about railways in general and then gives a short account of each railway company. There are photos and some railroad maps - worldwide. A very good index.

92. International Union of Railways.
UIC who's who. Paris. annual.

Contains a listing of principals of all railway members of the UIC/IUR.

93. Jane's freight containers: an international survey of container and roll-on/roll-off operations, edited by Patrick Finlay. London, Jane's Publishing Co. annual (12th ed., 1980).

94. Jane's world railways and rapid transit systems. New York, Jane's Publishing Inc. annual (22nd ed., 1980/81)

Lists manufacturers of railroad materials, illustrating new models; describes international associations, consultancy services. Equipment and operating statistics for all railways of the world are given, some in tabular form.

95. The modern locomotive handbook: a textbook on the operation of today's locomotives, revised and edited by H.C. Eck. Chicago, The Railway Fuel and Operating Officers Association, 1979. 284 p.

Published from time to time. Covers operation, maintenance and lubrication of locomotives.

96. The official intermodal equipment register: containers, trailers, chassis and bogies in intermodal service. New York, Intermodal Publishing Company. quarterly.

Describes type, dimensions, capacities for trailers, chassis and bogies in intermodal service. Equipment is listed by ownership and unit numbers.

97. The official railway guide: North American freight service edition. New York, National Railway Publication Co. bi-monthly.

Contains names, titles and addresses of executives of the railroads listed, freight schedules, route maps and an index to stations. Other information of interest to shippers.

98. The official railway guide: North American passenger travel edition, United States, Canada, and Mexico. New York, National Railway Publication Co. monthly, except Jan./Feb. and July/Aug. issues.

Passenger timetables including principal connecting rail, bus and water service and route maps.

99. The official railway equipment register, published by authority of the railroads of the United States, Canada and Mexico. New York, National Railway Publication Co. quarterly.

Shows by car number the marked capacity, length, dimensions and cubical capacity of cars used to transport freight.

100. Passenger train annual. Hopewell, N.J., PTJ Publishing Inc.

Describes trains and service in Canada and U.S.

101. Pocket list of railroad officials. New York, National Railway Publishing Co. quarterly.

Contains names, titles and locations of officials of railroads, private car companies, railroad-operated truck lines, major transit systems and railroad and government associations, boards, departments and commissions. Officials, mileage and equipment operated are shown for railroads of North, Central and South America, Australasia, Japan and the Philippines. Producers, sales offices and representatives of supply company advertisers are shown.

102. Private passenger car annual: shortline, tourist line, and museum rosters; corporate and individual private owner rosters; cars on permanent display. Compiled by David L. Briggs. Godfrey, Ill., RPC Publications, 1980. 157 p. annual (v. 1, 1980)

The information in this compilation was formerly listed, in abbreviated form, in Section III of Railway passenger car annual. Includes information on Canada.

103. Railway directory and yearbook, compiled from official sources under the direction of the editor of Railway Gazette. London, Transport and Technical Publishing Co. Ltd. annual (86th ed. 1981)

Lists almost every railroad in the world with their officers. Gives information on finances, mileage and gauge, equipment. Government officials interested in railway matters are also noted. Lists international organizations; locomotive and rolling stock suppliers and manufacturers; diesel engines and components, etc.; statistics. A general and personal index is included.

104. Railway line clearances: including weight limitations of railroads in the United States, Canada and Mexico; containing data concerning local clearances, also data concerning through routes and interline routes ... New York, Railway Equipment and Publication Company. annual.

105. Railway passenger car annual. Park Forest, Ill., RPC Publications. annual (v. 1, 1973/74)

Intercity mainline and commuter rosters.

106. Rand McNally handy railroad atlas of the United States. New York, Rand McNally & Company, 1978.

107. The track cyclopedia. 9th ed. Omaha, Neb., Simmons-Boardman, 1978.

The eighth edition was titled: Railway track and structures cyclopedia.

108. Who's who in railroading and rail transit. 18th ed. New York, Simmons-Boardman, 1977.

Includes biographies of railroad officers, leaders in the railway supply manufacturing group, railway labor leaders, members of regulatory bodies, educators, ICC practitioners, railway consultants, editors and authors, and even librarians.

IV. Journals

109. Association of American Railroads.
Railroad industry periodicals. Washington, 1977. 8 p.

Lists major periodicals serving the railroad industry, including trade journals.

110. American Railway Engineering Association.
Bulletin. Chicago. 5 issues per year.

111. Die Bundesbahn. Darmstadt, published for Deutsche Bundesbahn by Hestra-Verlag Hernichel and Strauss. monthly.

112. ETR: Eisenbahn Technische Rundschau. Darmstadt, Hestra-Verlag Hernichel and Strauss. monthly.

113. Ingegneria ferroviaria: rivista di tecnica ed economia dei trasporti. Rome, Collegio ingegneri ferroviari Italiani. monthly.

114. International railway journal. New York, Simmons-Boardman. monthly.

115. Japanese National Railways Railway Technical Research Institute quarterly report. Tokyo.

116. Japanese railway engineering. Tokyo, Japan Railway Engineers' Association. quarterly.

117. Modern railroads rail transit. Chicago, Cahners. monthly.

118. Modern railways. Shepperton, Middlesex, Ian Allen. monthly.

119. Passenger train journal. Park Forest, Ill., PTJ Publishing Inc. monthly.

120. Permanent way. Tokyo, Japan Railway Civil Engineering Association. quarterly.

121. Progressive railroading. Chicago, Murphy-Richter. monthly.

122. Rail engineering international. Little Leighs, Chelmsford, Essex, Broadfields Technical Publishing Company. monthly.

123. Le rail et le monde: revue mensuelle de cooperation ferroviaire internationale. Paris, La vie du rail. bimonthly.

124. Rail international: monthly review of the International Railway Congress Association and the International Union of Railways. Brussels, IRCA. Monthly publication, appearing in English, French, German and Russian editions.

125. Railway age. New York, Simmons-Boardman. semi-monthly.

126. Railway engineer. London. bimonthly.

127. Railway gazette international. London, IPC Transport Press. monthly.

128. Railway track and structures. Bristol, Conn., Simmons-Boardman. monthly.

129. Revista ALAF (Asociacion latino americano de ferrocarriles). Buenos Aires.

130. Revue générale des chemins de fer. Paris, Société nationale des chemins de fer français. 11 issues per year.

131. Trains. Milwaukee, Kalmbach. monthly.

132. Vestnik vsesoyuznogo nauchnoissledovatel nogo instituta zheleznodorczhncgo transporta (Journal of the Railway Research Institute of the USSR). Moscow. 8 issues per year.

133. La vie du rail. Paris. monthly.

134. Zeitschrift für Eisenbahnwesen und Verkehrstechnik-Glasers Annalen. Berlin, G. Siemens. monthly.

135. Zheleznodorozhnyi transport. Moscow, Ministerstvo Putei Soobshcheniia SSSR. monthly.

V. Conference Proceedings

Shown here are proceedings of conferences of a national or international nature, of broad scope, and held more or less regularly.

136. American Association of Railroad Superintendents. Proceedings of the annual meeting and committee reports. Chicago.

137. American Railway Bridge and Building Association. Proceedings. Chicago. annual.

138. American Railway Engineering Association.
Proceedings of annual conventions, including committee reports, reports on research projects, monographs and memoirs. Chicago. annual.

Started in 1900, the proceedings have been published without interruption. The manual refers to proceedings for authority. Cumulative indexes to the proceedings cover v. 1-16, v. 55-70.

139. Annual Railroad Engineering Conference.
Proceedings. Washington, Federal Railroad Administration.

Prior to 1974 the conferences were sponsored by Dresser Industries Inc. Transportation Equipment Division and its predecessor Symington Wayne. They are currently sponsored by the FRA, and are usually held at universities throughout the U.S. Themes vary: the role of the U.S. railroads in meeting the nation's energy requirements; roadbed stabilization; railroads - new challenges, regional rail planning seminar, etc.

140. ASME/IEEE/AAR Joint Meetings
Proceedings. New York, United Engineering Center.

Technical papers on railroad subjects. After 1975, the papers are available in preprint form only.

141. Association of American Railroads. Communication and Signal Section.
Proceedings. Chicago. annual.

142. Association of American Railroads. Management Systems Dept. Data Systems Division.
Proceedings. Washington. annual.

The proceedings are an excellent source for studying the new data systems completed or under development by the railways. A list of the Division's publications may be consulted in the Association's price list.

143. Association of American Railroads. Mechanical Division.
Proceedings of the session. Chicago. annual (not issued for 1960, 1961, 1963 and 1967).

144. Canadian Institute of Guided Ground Transport.
Proceedings. Kingston, Ont. biennial.

The 1972 symposium: Transportation research and education; 1974: Research and innovations in guided ground transport; 1978: The eighties: a new rail era.

145. Conference on Track Train Dynamics. Chicago, Association of American Railroads. biennial (1st, 1971).

146. The dynamics of vehicles on roads and tracks: proceedings of the 5th VSD-2d IUTAM Symposium held at the technical university Vienna, September 19-23, 1978. Amsterdam, Swets and Zeitlinger, 1978. 530 p.

147. Institution of Mechanical Engineers. Railway Division.
Annual symposium proceedings. London.

Titles vary from year to year. Topics range from tribology, high speed freight wagons, passenger railways, land transport engines to the latest 1979 symposium, safe and efficient transport by rail.

148. Institution of Railway Signal Engineers.
Proceedings. Reading, England. annual.

Cumulative indexes appear from time to time in the proceedings.

149. International Symposium on Railroad Cybernetics.
Proceedings. Paris, International Union of Railways.

Meetings were held in Paris (1963), Montreal (1967), Tokyo (1970), Washington (1974), Madrid (1979) under the sponsorship of the IUR.

150. Locomotive Maintenance Officers Association.
Annual proceedings and pre-convention report. Chicago.

151. National Conference on Railroad-Highway Grade Crossing Safety.
Proceedings. Washington, U.S. Department of Transportation.

Held every few years under U.S. DOT sponsorship. The last meeting was held at the University of Tennessee in June 1980 and called: National Rail-Highway Crossing Safety Conference.

152. Railway Accounting Officers Association.
Report of the annual meeting. Washington, Association of American Railroads Accounting Division.

153. Railway Fuel and Operating Officers Association.
Annual proceedings. Chicago.

Fuel consumption and efficient operation of locomotives.

154. Transportation Research Board.
Railroad research study background papers: ... presented at the Railroad Research Study held June 30-July 25, 1975, Woods Hole, Massachusetts. Oxford, Ind., Richard B. Cross Co., 1975.
532 p.

Subjects covered the national economy in the next 15 years, railroad, marketing, economics, information systems, management, labor relations, facilities, equipment and operations - and research needs in these areas. Sponsored by the Federal Railroad Administration and the Association of American Railroads.

VI. Abstracting and Indexing Services

155. All-time index. New York, Wayner Publications. first issue, 1978.

Indexes Railroad magazine, Model railroader, the Bulletin of the Railway and Locomotive Historical Society, Trains magazine, Railmodel craftsman.

156. British Railways Board. Research Dept. Monthly review of tne technical literature. Derby, England.

Includes an annual subject index.

157. Information Eisenbahn. Frankfurt am Main, Deutsche Bundesbahn. monthly.

Prior to October 1978 this excellent abstracting service was titled: Kurzauszüge aus dem Schrifttum für das Eisenbahnwesen.

158. Institution of Mechanical Engineers. Railway Division.

Abstracting and indexing for the work under Railway Division programs is included in ISMEC, the Institution's data base.

159. Railroad research bulletin. Washington, Transportation Research Board Railroad Research Information Service. semi-annual.

This excellent abstracting service is now placed on the TRIS data based and supplied through the DIALOG information retrieval service.

160. Railway Research Engineering Index (abstracts). Section A & B. Wijnandrade, Netherlands, Railroad Engineering Index Institute. monthly with bound cumulation.

This Institute also specializes in the translation of Russian periodicals into English in sections D-F of this series (D: Vestnik CNII MPS; E: Putevoe Hoziaistvo; F: Avtomatika, Telemehanika i Sviazj). Section G comprises articles of interest to railroading from all languages; Section C includes bibliography series of selected items.

161. Selection of international railway documentation. Brussels, International Railway Congress Association. monthly.

Jointly edited by the IRCA and the International Union of Railways. Published in English, French, German and Spanish editions.

162. State Rail Authority of New South Wales. Technical Library. Journal abstracts. Sydney. quarterly.

Indexes and annotates rail-oriented magazines from around the world.

VII. Accessions Lists

163. Canadian National Railways. Dechief Library.
Current awareness bulletin = Pour vous tenir au courant. Montreal. bimonthly.

Contains annotated citations of books acquired and articles from periodicals which may have implications for the railroad industry.

164. Canadian Pacific Railway. Corporate Library/Information Center.
Recent editions bulletin. Montreal. irregular.

A selected listing of new books, averaging 36 citations per issue.

165. N.V. Nederlandse Spoorwegen. Bibliotheck en Documentatiecentrum.
Literatuurinformatie aanwinstenlijst. Utrecht. 10 issues per year.

Current awareness list.

166. NSB Hovedadminstrasjonens. Biblioteket.
Nye boker i biblioteket. Oslo. quarterly.

New books in the library.

167. S.J. Centralforvaltning Biblioteket.
Nyforvarv = List of accessions. Stockholm. quarterly.

168. Société nationale des chemins de fer français. Direction des études générales et de la recherche. Centre de documentation.
Cahier de documentation SNCF. Paris. monthly.

A selection of articles from French periodicals and a listing of translations into French from foreign periodicals. Includes patents.

169. Union Pacific Railroad Company. Library/Information Service.
Track talk. Omaha, Neb. monthly.

170. Victorian Railways. Library.
Railit. Melbourne. monthly.

Includes new books, abstracts of current periodical articles, serials, standards and new periodical titles available for circulation.

171. Cornell University. New York State School of Industrial and Labor Relations. Library.
Library acquisitions. Ithaca. monthly.

The School has a particularly good collection of railroad material, and its accession list generally signals publications in the field of railroad industrial relations.

VIII. Publications Lists

172. American Railway Engineering Association.
Publications catalog. Chicago. annual.

173. Association of American Railroads.
Price list of publications issued by the Association of American Railroads. Washington. annual.

Source of publications issued by departments, divisions and sections.

174. Association of American Railroads. Economics and Finance Dept.
Statistical publications. Washington, Sept. 14, 1979. 1 p.

Scope and nature of statistics published by AAR.

175. Association of American Railroads. Office of Information and Public Affairs.
Complimentary railroad materials available from the Association. Washington, Nov. 1978. 3 p.

Areas covered: general information, education materials, references, statistical reports.

176. International Union of Railways. General Secretariat.
UIC code: titles and prices of UIC leaflets. Paris.

The list covers specifications agreed to by all European railways in much the same way as AAR manuals and practices set standards.

177. International Union of Railways. ORE.
Liste des rapports publies par l'ORE avec indication des prix. Utrecht, Apr. 1973. 1 v.

List of reports with prices. Members of ORE receive updated lists; abstracts of some reports appear in Rail International. The above is all comprehensive on reports produced up to 1973.

178. U.S. National Technical Information Service.
SRIM service 85I, Railroad transportation. Springfield, Va. biweekly with quarterly and annual indexes.

Selected Research in Microfiche provides an automatic service including full text of research reports and paper copy index (quarterly and annual). This does not eliminate the need to search the larger NTIS data base of all U.S. Government research and development reports.

179. U.S. Federal Railroad Administration. Office of Research, Development and Demonstrations.
Published research reports, Federal Railroad Administration, Washington, 1973. 1 v. (various pagings).

Abstracts of FRA reports and other DOT agencies.

IX. Dictionaries and Glossaries

180. Adams, Ramon F.
The language of the railroader. Norman, Okla., University of Oklahoma Press, 1977. 180 p.

181. Beck, James A.
Rail talk: a lexicon of railroad language. Gretna, Neb., James Pub., 1978. 1 v.

182. Canadian National Railways. Linguistic Services.
Vocabs. Montreal. 1 v.

This dictionary of English and French railroading terms is classified into 52 sections, each illustrated with a reference to terms in both languages. A French and English index is included. The terms are those adopted by the CNR.

183. The carman's dictionary. Omaha, Neb., Simmons-Boardman, 1979. 135 p.

184. International Union of Railways.
Lexiques ferroviaires: catalogue thématique. Paris, Dec. 1975. 51 p.

A listing of 100 glossaries used in Europe covering all aspects of railroading. Polyglot dictionaries included.

185. International Union of Railways.
Rail thesaurus. Paris, Oct. 1979. 143 p.

186. International Union of Railways. Bureau de documentation des chemins de fer.
Lexique général des termes ferroviaires. 3d ed. Paris, 1975. 1602 p.

Terms in French, English, German, Italian, Spanish and Dutch.

X. Bibliographies

187. Association of American Railroads.
Textbooks on railroads. Washington, 1974. 10 p.

A list of books for possible use in teaching or studying railroad transportation in colleges and universities.

188. Association of American Railroads. Safety and Special Services Division.
Bibliography of railroad safety training materials, including audio-visual presentations and printed materials produced by American and Canadian railroads. Washington, Feb. 1978. 1 v. (looseleaf).

189. Association of American Railroads.
Bibliography of railroad literature. Washington, 1976. 72 p.

Annotated listing of 405 railroad books including a section on children's books.

190. Canadian National Railways. Dechief Library.
A selected bibliography on Canadian railways. 8th ed. Montreal, 1980. 20 p. Occasional revisions.

191. Chandler, Alfred D.
The railroads, the nation's first big business: sources and readings. New York, Harcourt, Brace & World, 1965. 213 p.

An excellent book. Covers economics, cost of construction, statistics, accounts, finances, etc.

192. Chartered Institute of Transport.
Rail transport. London, Apr. 1977. 89 p.

Bibliography covering all aspects of railroading.

193. Cors, Paul B.
Railroads. Littleton, Colo., Libraries Unlimited, 1975. 152 p.

Contains a listing of 259 books on railroads, locomotives, rolling stock, stations, societies, museums and periodicals.

194. Davis, Bob J.
Labor-rail. (in the author's Transportation sources. Westport, Conn., Greenwood Press, 1976) p. 230-235.

Listing of labor unions with date of organization, description and house organs as well as a basic bibliography. Other sections of this work applicable to rail research include: Pricing rail (p. 400-410) and Railroad histories (p. 436-461).

195. Dechief, Helene.
A bibliography of published material and theses on Canadian railways. Montreal, Canadian National Railways Headquarters Library, Mar. 1980. 83 p.

Over 400 items dealing with the historical, social and economic aspects of Canadian railways. University theses are included, as well as Royal Commissions (1917-) and Canadian railway statistics. No other Government reports are shown. Finally there is a list of railway magazines.

196. Hudson, F.K.
Rail book bibliography, 1948-1972: a comprehensive guide to the most important railbooks, publications and reports. Ocean, N.J., Specialty Press, 1972. 225 p.

Cross-indexed by subject, author, title, company and many other categories.

197. International Union of Railways.
International index of railway films. Paris, 1978. 191 p. annual; supplements issued under title: Railway films.

Films classified by category under each railroad administration. This particular issue lists 900 railway films produced by 35 railways from 1947 to 1977.

198. International Union of Railways.
Management: guide to relevant literature. Paris, 1970. 81 p.

Prepared for the 3rd International Symposium on Railway Cybernetics, Tokyo, April 1970. Supplements: 1969-1970 (published in 1973, 67 p.); 1971-1972 (published in 1974, 44 p.)

199. International Union of Railways. Bureau of Documentation.
Rapports et etudes de l'U.I.C. et de l'O.R.E. liste bibliographique = Reports and studies by UIC and ORE. Paris. semi-annual.

200. The Lexington newsletter. Plainsview, Tex., Wayland College Department of History. 3 issues per year.

A very good source for articles and books on railway history and other forms of transport.

201. Morris, James O.
Bibliography of industrial relations in the railroad industry. Ithaca, N.Y., Cornell University New York State School of Industrial and Labor Relations, 1975. 153 p.

This excellent bibliography had as its objective the identification of all unfictional works dealing with labor and industrial relations on the railways - railroad and government; labor force; working conditions; unions and workers; labor legislation; labor relations; retirement and protective programs. Every publication was subjected to a quality test, and arranged chronologically and by type of publication.

202. Overton, R.C.
Preliminary check list of secondary works in railway history. Washington, Association of American Railroads, May 1957. 106 p.

For distribution to the members of the Lexington Group, this bibliography complements that by Davis in its coverage of an earlier period.

203. Railroad Research Information Service.
Railway safety research: special bibliography. Washington, 1976. 674 p. Distributed by NTIS (PB 258066).

This bibliography, sponsored by FRA, was prepared from the magnetic tape files of RRIS. Includes selections accessioned between 1973 and 1976.

204. System Development Corporation. International Search Service.
Doctoral dissertations on railways. Santa Monica, Calif., Dec. 11, 1979. 138 p.

Comprehensive Dissertation Index search identifying 571 citations.

205. Tenant, R.D.
The Quill-and-rail catalogue: a bibliographical guide to Canadian railroads. Halifax, Tennant Publishing House, 1976. 92 p.

Mostly history of railways in Canada.

206. U.S. Library of Congress. National Referral Center.
Selected information resources on transportation: rails. Rev. ed. Washington, Aug. 1974. 10 p.

207. U.S. National Technical Information Service.
Railroad management and planning: a bibliography with abstracts. Springfield, Va., 1975. 139 p.

208. U.S. Superintendent of Documents.
Railroads. Washington, U.S. G.P.O., 1980. 7 p. (Subject bibliography SB 218)

Bibliography of government publications on railroads.

209. Victorian Railways. Library.
Literature search. Melbourne. irregular.

Series of bibliographies on specific topics on or of interest to railways.

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SHIPPING

by

George J. Billy
Schuyler Otis Bland Memorial Library
U.S. Merchant Marine Academy

January 1980

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I. Basic References: General Sources

1. American Bureau of Shipping.
   Annual report. New York.

   A verbal and statistical report of the ABS, an international ship classification society, that describes worldwide developments in ship design, construction and fleet expansion.

2. Barker, James R. and Robert Brandwein.
   The United States merchant marine in national perspective.
   Lexington, Mass., Heath Lexington Books, 1970.

   A useful overall summary of the various economic and governmental aspects of the industry.

3. Bess, David.
   Marine transportation. Danville, Ill., Interstate Printers & Publishers, 1976. 205 p.

   An overview of the U.S. merchant marine - past, present and future, with an emphasis on the legal and economic aspects of the industry.

4. Heine, Irwin M.
   The United States merchant marine: a national asset. Washington, D.C., National Maritime Council, July 1976. 205 p. Addendum, February 1978. 108 p.

   A general treatment of the U.S. merchant marine with chapters devoted to such broad topics as shipping services (e.g. tanker services), maritime labor, the U.S. maritime industry and its place in the American economy. Also a description of the functions of the U.S. Maritime Administration. An extremely informative addendum of statistical tables.

5. Lawrence, Samuel A.
   United States merchant shipping policies and politics. Washington, D.C., Brookings Institution, 1966. 405 p.

   Describes the federal government's role in promoting the merchant shipping industry through financial assistance programs and related measures. Includes appendices, such as "Statutory Statements of U.S. Maritime Objectives."

6. Mangone, Gerard J.
   Marine policy for America: the United States at sea. Lexington, Mass., Lexington Books, 1977. 370 p.

   A broad study of the technical, economic, legal, political, and environmental problems related to maritime transport, national defense, ocean mining, and fisheries. Successful as an attempt to deal cohesively with these disparate aspects and supplemented by bibliographic footnotes.

7. Maritime Research Information Service.
Technical report abstracts: Maritime Administration research and development, 1957-1972. Washington, D.C., June 1973. 255 p.

Covers such diverse areas as cold weather operations, cargo handling, experimental ships, maritime education, navigation, ports, propellers, damage control, ship design, and trade development.

8. Norton, Aloysius A. and Edward W. Knutsen.
The language of the merchant marine. New York, Regents, 1978. 111 p.

A brief, general primer which describes most features of merchant ship operations. Part of a general series of career guides.

9. Lloyd's Register of Shipping.
Annual report. London.

A world-wide summary of maritime developments, primarily in new ship construction. Contains both technical and statistical information with a country-by-country progress report.

10. Organization for Economic Cooperation and Development. Maritime Transport Committee.
Maritime transport. Paris. annual.

A concise description of the year's shipping activities, worldwide in scope and covering international laws and regulations, the supply and demand for shipping services, the freight market, and followed by a large section of statistics concerning trade and merchant fleet development. In English.

11. Rinman, Thorsten and Rigmor Lindén.
Shipping--how it works. Gothenburg, Sweden, Rinman and Linden, 1978. 191 p.

Up-to-date study of the business of shipping which includes projections on world trade. illus. In English.

12. Shipbuilders Council of America.
Annual report. Washington, D.C.

A review of the past year's shipyard activity with shipbuilding statistics and projections of future developments. Covers both U.S. civilian and naval shipbuilding.

13. Shipbuilding, the world picture in 1978: a new Journal of Commerce report, edited by Alan F. Schoedel. New York, Twin Coast Newspapers, 1978. 54 p.

A collection of 24 articles which were printed in the Journal of Commerce between March 13 and April 13, 1978, that describe the current problems of oversupply of vessels. Each article is, for the most part, devoted to a different maritime nation.

14. U.S. Maritime Administration. Office of Intermodal Activities.
Maritime subsidies. Washington, D.C. annual.

A ready reference source with information on the direct and indirect assistance that nations of the world offer to their merchant fleets, including such items as construction aid and tax benefits. Arranged alphabetically by country.

Basic References: Container Ships

15. **Containerisation** International year book. London, National Magazine Co. annual.

    Gives annual review of progress in containerized freight, including port equipment and ships. Useful appendices.

16. Tabak, Herman D.
    Cargo containers: their stowage, handling, and movement. Cambridge, Maryland, Cornell Maritime Press, 1970. 386 p.

    A comprehensive guide to all aspects of container cargo operations including such matters as bills of lading and cargo legislation. Includes a glossary of terms.

Basic References: Economics

17. Bes, J.
    Chartering practice: analyses of charter parties. London, Barker and Howard, 1960. 351 p.

    A practical guide to the chartering business with studies of transactions for various commodities, such as grain, and for different geographic areas.

18. Cufley, C.F.H.
    Ocean freights and chartering. London, Crosby, Lockwood, Staples, 1970. 462 p.

    A general treatment of ship brokerage covering both the business and technical sides of ships' holds, hatches and similar items.

19. Frankel, Ernst G. and Henry S. Marcus.
    Ocean transportation. Cambridge, Mass., MIT Press, 1973. 822 p.

    A detailed technical review of primarily the economic aspects of the U.S. merchant marine industry, including sections on shipbuilding costs, ocean barging, maritime labor, and shipping operations.

20. Kendall, Lane C.
    The business of shipping. Cambridge, Maryland, Cornell Maritime Press, 1979. 326 p. 3rd edition.

    Covers the commercial side of chartering and tramp ship operation, terminal management and operation, freight rates and bills of lading.

Basic References: Engineering

21. Marine engineering, edited by Roy L. Harrington. New York, Society of Naval Architects and Marine Engineers, 1971. 871 p.

A basic text and reference source on the subject. Highly detailed.

22. Woodward, John B., III.
Marine engineering: an introduction. Ann Arbor, Michigan, Dept. of Naval Architecture and Marine Engineering, College of Engineering, University of Michigan, 1975, 1978 reprint. 118 p.

A brief introduction to marine propulsion plants for the undergraduate engineering student, illustrated with plans and photographs. Useful for an initial exposure to the subject.

Basic References: Laws and Regulations

23. Arzt, Frederick K.
Marine laws: navigation and safety. Oxford, New Hampshire, Equity, 1963 with 1977 supplement. 4 vols.

An annotated compendium of U.S. and international laws, including those promulgated by the Intergovernmental Maritime Consultative Organization, and with paragraph citations to the U.S. Code.

24. Fischer, Henry G. and John W. Willis.
Pike and Fischer shipping regulation. Washington, D.C., Pike & Fischer, 1961. 22 vols. with loose-leaf updating service.

Up-to-date and comprehensive for U.S. Government agency regulations concerning ship operations, safety and liability for damage to the marine environment.

25. Laws relating to shipping and merchant marine, compiled by Gilman G. Udell. Washington, D.C., GPO, 1960,1972. 2 vols.

Chronological arrangemnt of laws (verbatim texts) from the Shipping Act of 1916 to 1972.

26. Livanos, Marc M. and Jarold J. Halpin.
Maritime law: a primer. New Rochelle, New York, Caratzas Bros., 1978. 107 p.

A brief introduction to the more practical aspects of the subject with examples of the legal forms used.

Basic References: Liners

27. U.S. Maritime Administration. Office of Policy and Plans.
U.S. passenger ship fleet: summary and prospects, March 1973. Washington, D.C., 1973. 104 p.

A report summarizing the conditions which have led to the decline in the U.S. flag passenger ship fleet and a description of the steps taken by the Maritime Administration to revive the fleet. Statistical profiles of U.S. passenger liner steamship companies are included.

Basic References: LNG Ships

28. Curt, Robert P. and Timothy D. Delaney.
Marine transportation of liquefied natural gas. Kings Point, New York, National Maritime Research Center, 1973. 244 p.

Covers major areas of consideration including marine carriage of LNG, U.S. requirements for natural gas, recent LNG projects and a discussion of the physical properties of LNG.

29. Faridany, Edward K., Roger C. Ffooks and Peter L.L. Vranken.
LNG review, 1977: a study of marine operations, ship technology, project finance, LNG prices and market prospects for LNG. Wokingham, England, Energy Economics Research, 1977. 136 p.

A technical and economic review of LNG maritime transport with descriptions of ships recently built and on order.

Basic References: Navigation and Seamanship

30. American practical navigator. Washington, D.C., Defense Mapping Agency, Hydrographic Center, 1977. 2 vols.

Originally published by Nathaniel Bowditch in 1802 and popularly known as "Bowditch," it is one of the most widely known and used compendiums of navigation information. Volume II consists of tables, formulae and instructions for computations.

31. Anderson, E.W.
The principles of navigation. New York, American Elsevier Publishing, 1966. 653 p.

A detailed description of the facets of navigation with helpful illustrations, but not as complete as the American Practical Navigator.

32. Danton, Graham.
The theory and practice of seamanship. London, Routledge & Kegan Paul, 1976. 522 p.

A basic primer on the navigation of merchant ships with chapters on fire protection and ship safety.

33. Noel, John V., Jr.
Knight's modern seamanship. New York, Van Nostrand Reinhold, 1977. 676 p. 16th edition.

A basic source and classic reference work for merchant ship officers containing sections on the various elements of ship structural design, ship operations, cargo stowage, ship handling, oceanography, meteorology, and the rules of navigation.

Basic References: Tanker Ships

34. U.S. Maritime Administration. Office of Technology Assessment. Oil transportation by tankers: an analysis of marine pollution and safety measures. Washington, D.C., July 1975. 287 p.

Covers the design, construction and operation of tankers including oil pollution and supertanker operations.

II. Statistical Sources

35. Analysis of the world tank ship fleet, December 31, ----. Chester, Pennsylvannia, Sun Shipbuilding and Dry Dock Co., December, ----. annual.

Both a narrative and statistical presentation of all aspects of tanker shipping including LNG vessels, with diagrams and photographs.

36. Domestic and international transportation of U.S. foreign trade: 1976. Part A: Exports. Part B: Imports. Washington, D.C., U.S. Dept. of Transportation, U.S. Dept. of the Army, U.S. Maritime Administration, 1979. 2 vols.

Provides a comprehensive summary of data concerning the international movement of commodities through ports within the 48 contiguous states, as gathered by the U.S. Customs Service. Useful for cargo forecasting, trade patterns and market analyses. An intermodal study.

37. H.P. Drewry (Shipping consultants) Ltd. Research Division. World shipping statistics. London, Drewry. annual.

Tables and charts cover trends and progress. Tankers and dry cargo shipping are emphasized. Detailed and extremely useful as a one-volume reference work.

38. H.P. Drewry (Shipping consultants) Ltd. Research Division. The world shiprepair facilities---outlook for the next ten years. London, Drewry, 1977. 64 p.

Covers several areas of the subject including projected demands for such facilities. Much information on drydocking operations. World-wide in scope.

39. Lloyd's Register of Shipping: Casualty Returns. London, Lloyd's Register of Shipping. quarterly and annual total.

Statistical reports of world ship losses and the dismantling of irrevocably damaged vessels including such facts as when the vessel was lost and circumstances of the mishap.

40. Lloyd's Register of Shipping: Merchant shipbuilding returns. London, Lloyd's Register of Shipping. quarterly and annual.

Provides fresh data on construction developments on a global basis. Includes statistical analyses by ships' sizes, types and country.

41. Lloyd's Register of Shipping: Statistical tables. London, Lloyd's Register of Shipping. annual.

A yearly statistical review of various characteristics of the world merchant fleet. Tables supply data on the different types of ships, their sizes and ages, new ships tonnage, propulsion analyses and summaries of ships launched and lost.

42. Standard ship designs, volume I: Dry cargo vessels, 9,500 - 25,000 dwt. London, Fairplay International Records and Statistics, May 1977. 96 p. + xxxix p.

Line drawings and specifications of 98 basic designs. Data for dimensions, tonnages, machinery, cargo and hatch dimensions. Useful appendices covering additional information including builders. First publication of a projected multi-volume work.

43. United Nations Conference on Trade and Development (UNCTAD). Trade and Development Board.
Review of maritime transport. Geneva, Switzerland. annual.

World-wide review of merchant fleet development, international seaborne trade, changes in freight rates and world ship prices. Very useful for a global perspective of progress in the field.

44. U.S. Dept. of the Navy. Office of the Chief of Naval Operations.
U.S. life lines: imports of essential materials...and the impact of waterborne commerce on the nation. Washington, D.C., G.P.O. annual.

Provides a profile of essential raw materials, including their country of origin and how much is annually imported. Maps of trade routes included.

45. U.S. Maritime Administration.
Annual report. Washington, D.C., G.P.O.

Report of the year's activity by the government agency most active in promoting the growth and development of the American merchant marine. Informative statistics on shipbuilding and merchant marine operations, as well as coverage of MARAD's own manifold activities.

46. U.S. Maritime Administration. Office of Policy and Plans, Division of Economic and Operational Analyses.
A long-term forecast of U.S. waterborne foreign trade, 1976-2000. Washington, D.C., November 1977. 3 vols.

Statistics and graphs plot projections of trade between the U.S. and foreign countries concerning designated commodities. Volume one is a summary and the other two offer detailed statistical tables.

47. U.S. Maritime Administration. Office of Trade Studies and Statistics.
Bulk carriers in the world fleet: ocean-going merchant type ships of 1,000 gross tons and over (excludes vessels on the Great Lakes) as of December ----. Washington, D.C. annual.

International in scope, this handy compilation offers a country-by-country analysis of the specifications of ships by name, year built, gross and deadweight tonnage, speed and draft. Included are ore, and general bulk carriers, as well as colliers and special bulk carriers.

48. U.S. Maritime Administration. Office of Trade Studies and Statistics.
Containerized cargo statistics, calendar year 1975. Washington, D.C., May 1979. 95 p.

Emphasizing data on the amount of goods carried, ports of destination and trade routes followed, this compendium contains maps and information of U.S. coastal districts.

49. U.S. Maritime Administration. Office of Trade Studies and Statistics.
New ship construction: oceangoing ships of 1000 gross tons and over in United States and foreign shipyards. Washington, D.C. annual.

Divided into two parts, (1) deliveries during the year and (2) vessels under construction, the data provides an overview of where ships are being built and their country of registry, the number of ships built or under construction, and their tonnage.

50. U.S. Maritime Administration. Office of Trade Studies and Statistics.
A statistical analysis of the world's merchant fleets: showing age, size, speed, and draft by frequency group as of December 31, ----. Washington, D.C. annual.

Various statistical tables for each country provide information such as the deadweight ton distribution of freighters, bulk carriers, tankers, and combination and passenger ships. World-wide totals included.

III. Directories

51. American Bureau of Shipping.
Record. New York, American Bureau of Shipping. annual. 3 vols. with supplements.

A directory of the vital specifications of ships, international in scope, and comprehensive in its data. Cites the name of the vessel, dimensions, capacities, hull description, machinery, builder, and ship classification.

52. The bulk carrier register. London, H. Clarkson and Co., Ltd. annual.

A record of all bulk carriers and combined carriers in the world having a deadweight of 10,000 tons and above. Includes name of ship, deadweight tonnage, owners of managers, speed, fuel consumption, bunker capacity, year built, dimensions, holds, cargo gear and engines. Also comparative tabulations and statistics.

53. Directory of shipowners, shipbuilders and marine engineers. London, Marine week. annual.

A comprehensive, detailed international listing which includes names, addresses, and telephone numbers for owners and builders of many types of vessels including ferries and tugboats. Provides specifications for the various ships owned by each firm. Indexed.

54. Fairplay International world shipping year book. London, Fairplay International. annual.

A broad-based annual which lists the names, addresses and financial profiles of firms in the fields of shipbuilding, repairing, engine building, towage, salvage, dredging, marine insurance, and maritime organizations, as well as shipowners. Does not list the specific ships owned or operated, but is international in scope and indexed.

55. Liquid gas carrier register. London, H. Clarkson and Co., Ltd. annual.

Contains names and specifications for liquid gas carrying vessels including the builders, when built, dimensions and propulsion machinery.

56. Lloyd's Register of Shipping: Register of ships. London, Lloyd's Register of Shipping Trust Corp. annual. 2 vols. with supplements.

Essentially a comprehensive listing of ships and their particulars, it contains the names, classes and details of merchant ships of 100 gross tons and upwards. The second volume has data on ship-borne barges, docking installations, liquefied gas carriers, and refrigerated cargo installations.

57. Marine directory: world wide edition. New York, Marine Engineering/Log. annual.

Emphasizing U.S. and Canadian firms, the directory identifies shipowners, operators, shipyards, port authorities, ship chandlers, naval architects, consulting engineers and marine surveyors.

58. The offshore drilling register: a directory of self-contained mobile sea-going rigs. London, H. Clarkson and Co., Ltd. annual.

Arranged alphabetically by name of each rig, this work serves as an international catalog of sea-going rigs both in current use and under construction. Specifications for each item include contractor or owner, dimensions and machinery aboard.

59. Ports of the world. London, Benn Publications, Ltd. annual.

A directory of world ports information arranged alphabetically by continent, country and then by port. In prose form, the vital information on each port consists of the name and address of the governing political authority, entry documents required, the primary approach route, ships' accomodations, charges, and ship repair facilities.

60. Talbot-Booth's merchant ships. Lt. Cmdr. E.C. Talbot-Booth, ed. and illus. New York, Nichols, 1978. 3 vols. with supplement.

A comprehensive guide to vessel identification with silhouettes and brief descriptions of each ship, plus a handy glossary of ship nomenclature.

61. The tanker register. London, H. Clarkson and Co., Ltd. annual.

A record of all tankers and combined carriers in the world having a deadweight of 6000 tons and above. Tables provide the name of each vessel, a brief description, deadweight, owners or managers, speed, bunker capacity, year built, builder, dimensions, pumps, and engines.

62. U.S. Army Corps of Engineers. Waterborne Commerce Statistics Center. Transportation lines on the Atlantic, Gulf, and Pacific Coasts. Transportation series no. 5. New Orleans. annual.

Contains information on the vessel operators and their American flag vessels operating in the transportation of freight and passengers. Includes the names and specifications of the ships owned by each line.

63. U.S. Coast Guard.
Merchant vessels of the United States (including yachts). 2 vols. Washington, D.C., G.P.O. annual.

A wide-spread compilation in table form, which covers many types of vessels and supplies their official numbers, signal and radio-call letters, as well as their names, fuel, tonnage, dimensions, hull type, when built, where built, type of service, horse power, name of owner and home port. Expecially useful for smaller vessels.

64. U.S. Defense Mapping Agency. Hydrographic Center.
World port index. Publication no. 150. Washington, D.C. annual.

Gives the location, chacteristics, known facilities, and available services of an extensive number of ports and shipping centers throughout the world. Arranged in a tabular format.

65. U.S. Maritime Administration. Office of Subsidy Administration. Foreign flag merchant ships owned by U.S. parent companies as of December 31, ----. Washington, D.C. annual.

Arranged alphabetically by company name, it is a directory of ships, their specifications and their country of registry.

66. U.S. Maritime Administration. Office of Trade Studies and Statistics. Vessel inventory report. Washington, D.C. semi-annual.

Listings of U.S. flag ocean going merchant ships of 1,000 gross tons and over. Five categories provide data such as the ship's name, type of vessel, design type, tonnage, and owner/operator, as well as the status, such as in the Reserve Fleet.

IV. Periodicals

67. American shipper. Jacksonville, Fla. monthly.

Trade and maritime economic articles of diverse nature, including coverage of intermodal transportation news.

68. Container news : intermodal transportation. Atlanta, Georgia. monthly.

Emphasizing the technical and business activities. An issue in the fall usually features a special "Intermodal buyer's guide," i.e., a directory of companies involved in the storage and movements of freight.

69. Containerisation international. London. monthly.

Unlike the intermodal oriented Container news, this periodical concentrates on containerized shipping and related activities, such as terminals and hardware.

70. Fairplay shipping weekly, international. London. weekly.

British and international maritime news with regular sections on shipping prospects, marine insurance, and maritime law. Throughout the year special subject issues, including a marine insurance review in autumn, a mid-year review and final year-end summary of shipping developments (January issue).

71. Holland shipbuilding. Dordrecht, Netherlands. monthly.

Although similarly devoted to activities in the Low Countries, it includes international news and covers recent developments in shipbuilding, shiprepairing, dredging, offshore equipment, marine and hydraulic engineering, ports and shipping articles in English.

72. The journal of commerce and commercial. New York. weekdays.

Covers world commercial news but is primarily devoted to shipping and ocean borne trade, including commodities quotations, columns on domestic and foreign markets, shipping timetables, currency rates, and the latest news for shipping.

73. Journal of maritime law and commerce. Cincinnati, Ohio. quarterly.

Timely articles on relevant subjects, such as oil pollution and marine insurance, with a section for books on reviewing.

74. Marine engineering/log. New York. monthly.

Devoted to the technical features of shipbuilding and architecture, contains feature articles, and a special December issue reviewing distinctive ships built during the past year. Each issue contains a special news section on shipbuilding contracts and vessels on order. Book reviews also.

75. Marine engineers review. Journal of the Institute of Marine Engineers. London. monthly.

Devoted to all aspects of maritime engineering, including pollution, there are, in addition to various articles, regular monthly sections, such as "Equipment developments" and "Offshore."

76. Marine week. London. weekly. Ceased publication May 1980.

Devoted to maritime trade and shipbuilding, this newsweekly informs through short, concise articles about recent activities with frequent feature articles and statistical tables on such subjects as contracts. International in coverage.

77. Maritime policy and management : an international journal. London. quarterly.

Although concerning all aspects of maritime affairs, it emphasizes economic matters, including labor - management relations. Articles that stress research rather than the latest news items in the field.

78. Maritime reporter and engineering news. New York. fortnightly.

Covers latest news on ship innovations, equipment, launchings, and maritime education. Also gives news coverage to personnel developments within shipping corporations.

79. Motor ship. London. weekly.

Concerned mainly with shipbuilding and marine engineering, this publication provides technical specifications and statistics on such subjects as ships recently completed. Supplementary survey issues contain comprehensive data on ships on order and deck plans. European in orientation.

80. Navigation. Journal of the Institute of Navigation. Washington, D.C. quarterly.

A scholarly journal devoted to the latest developments in the field by means of in-depth articles.

81. Norwegian shipping news. Oslo. bi-weekly.

A first-rate journal of news in shipping, mainly economic in orientation (such as articles on freight rates), with special issues for world shipbuilding, ports and harbors, ship equipment, and an annual review of world developments. Articles in English and Norwegian. Annual index.

82. Seaports and the shipping world. Montreal, Canada. monthly.

Primarily Canadian in orientation, the issues cover happenings in various trade centers with additional coverage for Australia and Great Britain. Good for the Great Lakes and the St. Lawrence River.

83. Seatrade. Colchester, Kent, England. monthly.

A multifaceted publication covering many economic aspects of world shipping and trade activities including feature articles and monthly sections on trade, energy, money, ships, technology, book reviews, and an annual review of shipping developments.

84. Shipbuilding & marine engineering international. Maidstone, Kent, England. monthly.

Covers developments in the field with a special section in each issue on gas turbine news. Also, from time to time, contains book reviews.

85. Shipping world & shipbuilder. London. monthly.

Emphasizing British and international developments, there are regular feature sections on marine law, insurance, and shipyard activities. Also book reviews.

86. Tanker & bulker international. London. monthly.

In addition to citing recent activities, such as reviews of economic conditions, special sections in each issue cover LNG and LPG news, companies and people. Also statistical summaries in each issue for car carrier orders, tanker contracts pending, containership contracts pending, tanker sales, bulk carrier sales to breakers, and containership sales to breakers.

V. Conferences (Proceedings)

87. American Merchant Marine Conference. Proceedings. Washington, D.C., Propeller Club of the United States. annual.

A compilation of the papers delivered at the annual conference by leaders of American merchant marine industry, usually centering on a specific theme each year.

88. Gastech (year) : LNG & LPG Conference. Proceedings. Rickmansworth, England, Gastech Exhibitions. annual.

Conference papers on recent progress in the transportation and storage of liquefied natural gas and liquefied petroleum gas, but also including broader topics, such as the energy needs of various countries.

89. International Conference on Marine Transport Using Roll-on/Roll-off Methods. RORO (year). Proceedings. Rickmansworth, England, BML Business Meetings, Ltd. annual.

Conference papers on marine transport utilizing RORO apparatus. Presents latest developments in this form of operations and cargo handling. International in scope.

90. Society of Naval Architects and Marine Engineers. Transactions. New York. annual.

A compendium of papers presented at the annual meeting, as well as various section meetings, that are technical in nature and indicative of the ongoing research in the field.

VI. Indexing and Abstracting Services: Data Bases

91. British Ship Research Association. Journal of abstracts. London. monthly.

Comprehensive guide to the recent literature in journals, conference reports and research papers concerning ship design, construction, machinery, systems operations, and ocean engineering. International in coverage.

92. Maritime Research Information Service (MRIS). D.G. Mellor, mgr. Washington, D.C., Transportation Research Board, National Academy of Sciences, National Research Council. monthly, semi-annual, annual and on-line.

MRIS offers printed and on-line data base abstracts of maritime information pertaining to naval architecture, shipbuilding, and the operation of commercial vessels, both foreign commerce and inland waterways. Printed services include MRIS abstracts, published twice yearly and the Current Awareness Service, a monthly. MRIS data base is available through the Lockheed DIALOG on-line retrieval system.

VII. Library Accessions

The following represents a brief selection of libraries which compile accession lists relevant to maritime transportation.

93. California Maritime Academy
Library
P.O. Box 1392
Vallejo, California 94590
Chief Librarian: Mr. Paul W. O'Bannon

94. National Maritime Research Center
Study Center
Kings Point, New York 11024
Chief Information Specialist: Mrs. Rayma Feldman

95. Northwestern University
Transportation Library
1935 Sheridan Road
Evanston, Illinois 60201
Chief Librarian: Ms. Mary Roy

96. Port Authority of New York and New Jersey
Library - 55 North
One World Trade Center
New York, New York 10048
Chief Librarian: Ms. Jane M. Janiak

97. State University of New York
Maritime College
Stephen B. Luce Library
Fort Schuyler, Bronx, New York 10465
Chief Librarian: Professor Richard H. Corson

98. U.S. Merchant Marine Academy
Schuyler Otis Bland Memorial Library
Kings Point, New York 11024
Chief Librarian: Captain Richard G. Griffin

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Chartering and shipping terms. 9th ed. London, Barker & Howard, Ltd., 1975. 3 vols.

Described as a "practical guide for steamship companies, masters, ship's officers, shipbrokers, forwarding agents, exporters importers, insurance brokers and banks," in the long subtitle, this classic work presents a comprehensive account of the practices and nomenclature associated with the business of shipping.

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A dictionary of nautical terms. New York, Philosophical Library, 1962. 216 p.

Contains a wide variation in length of definitions for its 1,430 entries ranging from a short sentence to paragraph-length definitions. Contains both technical and commonly known terms. Illustrated.

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Dictionary of nautical words and terms. Revised by Peter Clissold. 2nd ed. Glasgow, Brown, Son & Ferguson, Ltd., 1967. 432 p.

Approximately 8,000 brief definitions (one or two sentences) of terms and phrases used in navigation, seamanship, naval architecture, maritime economics, marine engineering, cargo stowage, and related topics. Good for technical terms. Contains a useful appendix of shipping and business abbreviations.

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Jane's dictionary of naval terms. London, Macdonald and Jane's, 1976. 342 p.

Brief definitions of naval and civilian merchant marine terms. Useful appendix of British and American abbreviations.

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Elsevier's nautical dictionary. Amsterdam, Elsevier, 1965. 3 vols.

Arranged in three separate volumes for "Maritime terminology," "Ships and their equipment," and "Marine engineering," the work is a polyglot dictionary of corresponding terms in five languages -- English, French, Italian, Spanish and German.

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Dictionary of marine engineering and nautical terms. New York, Edward W. Sweetman, 1965. 304 p.

Many technical words and phrases including terms used for ship propulsion and testing, as well as general ones. Useful "see" references and many paragraph-length definitions.

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Although heavily military and naval in orientation, maritime materials, such as dictionaries and seamen's manuals, are included. Multi-lingual and international in scope. Arranged chronologically by date of publication. Index.

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Cargo ships : a DDC bibliography, 1960-1969. Alexandria, Virginia, 1970. 2 vols.

A computer-generated index covering economic and technical aspects of the subject, especially naval architecture, marine engineering and operations. Has subject and corporate author indexes.

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Maritime information sources : a guide to current statistical data. Washington, D.C., National Academy of Sciences, December 1978. 257 p.

Contains lengthy annotated entries for publications, data bases, and organizations that provide statistical information concerning maritime information. Useful for finding statistical sources.

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INLAND WATER TRANSPORTATION

by

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Transportation Library
Northwestern University

May 1981

The coverage in this bibliography emphasizes inland waterways, with selected entries for publications on Great Lakes and coastwise shipping. Most of the material is current, almost all concerns U.S. operations. Principal sources used in compilation are the Transportation Library catalog and *MRIS Abstracts*. Grateful acknowledgement is extended to the Maritime Research Information Service staff at the Transportation Research Board, National Research Council for extensive annotations.

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   River transportation in Iowa. Ames, 1979. 1 v. (various pagings).

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   Welland and the Welland Canal: the Welland Canal by-pass. Belleville, Ont., Mika Publishing Company, 1975. 214 p.

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The economic impact of waterborne transportation on the upper Mississippi River basin. Minneapolis, Upper Mississippi Waterway Association, July 1975. 197 p. Addendum: Projection of river traffic to the year 2000 (published October 9, 1975).

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Impacts of a waterways user charge on the economy of Tennessee. Memphis, May 1978. 197 p. Prepared for Tennessee Department of Transportation.

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Tennessee's opportunities on its waterway system. Memphis, Nov. 1974. 548 p.

13. National Research Council. Transportation Research Board. Committee on Inland Water Transportation.
Research needs in inland water transportation. Transportation Research Circular no. 200, Mar. 1979. 8 p.

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Economic impact study: Tennessee-Tombigbee Waterway. Montgomery, Alabama Development Office, Oct. 1976. 1 v. (various pagings). Prepared for Appalachian Regional Commission. Cover title: Economic development opportunities along the Tennessee-Tombigbee Waterway in Alabama: overview.

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Great Lakes manpower requirements: deck and engine officers supply and demand 1978-1987. Washington, Jan. 1979. 35 p. (Report no. MA-GEN-250-79044) Distributed by NTIS.

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The competitive position of domestic shipping in the U.S. transportation market. Washington, 1980. 52 p.

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Waterborne commerce of the United States. For sale by various Army Engineer Districts. annual.

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Numerical Data Bases

Entries 94-98 in this section are copied verbatim from their citation in MRIS Abstracts, Maritime Research Information Service, TRB.

94. Domestic trade system.

This system is a comprehensive data base from which information can be extracted to support market development in the 3 domestic trade areas: domestic oceans, Great Lakes, and inland waterways.

Data can be used to assist the maritime industry in assessing its share of total commodities being moved, establishing its responsibilities in providing transportation services, and capitalizing more fully on market opportunities. Input data are provided on magnetic tapes by the Department of the Army, Lower Mississippi Valley Division, Corps of Engineers, and the Waterborne Commerce Statistics Center. The principal subject matter covered is commodity movements in the U.S. domestic waterborne trade. Data include vessel type, traffic type, service type, NRT, vessel operator, vessel ID, shipping and receiving dates, COE shipping and receiving channel, commodity code and name, shipping and receiving coastal districts, and shipping and receiving ports. Data base source: Maritime Administration ADP Planning and Evaluation Staff.

95. Performance monitoring system (PMS).

The PMS data base was begun in 1975 to collect a one-hundred-percent sample of information on the locks that are in operation on the U.S. inland waterways and the East Coast. Statistics are gathered for each transit through each lock and include lift at the lock, weather conditions at the time of transit, surface conditions, and the lockage log (vessel name and number, direction of transit, arrival time, start of lockage time, entry time, end of entry time, start of exit time and end of lockage time). There is also a vessel log obtained from the vessel operator, which gives vessel type, characteristics of the vessel, and information on the commodity being moved through the lock. The data are forwarded to the district offices of the Army Corps of Engineerswhere they are checked for accuracy, processed, and stored in a central library of tapes. The library is currently being transferred to the Boeing Computer Service computers in Seattle Washington. The tapes will be copied to foreign tapes and mailed to the requester. Hardcopy reports will be produced monthly and special runs may be performed for individual requests. Data base source: Army Corps of Engineers Engineer Data Processing Center, Washington.

96. Physical waterway characteristics

This data base includes statistical profiles of locks, channels, and bridges on U.S. waterways. The data were compiled by Army Corps of Engineer districts from data in existing records and publications for the fiscal year 1975. There are 52 elements of lock characteristics, covering identification and location, pools, chambers, approaches, and operating times. The 31 channel characteristics include identification and location, general remarks, restricted navigation, standard low and high water data, channel maintenance, and structures and obstacles. Bridge characteristics are provided in 32 segments of data such as identification and location, general remarks, operational characteristics, channel clearances, and restrictions on navigation. In 1979, five Engineer pamphlets will be published that will contain the 1975 data. Access will also be provided through the Corps' navigation computer data base. Revision procedures have been arranged but revision frequency has not been decided. Data base source: Army Corps of Engineers Office of the Chief of Engineers, Washington.

97. Transportation series file (TSF).

The TSF was originally maintained and utilized by the U.S. Army Corps of Engineers Waterborne Commerce Statistics Center (WCSC) for the purpose of printing and publication only. In order to use the data in assisting navigation planners, it had to be restructured. The North Central Division of the Corps performed this restructuring task and added elements which enable communication with the WCSC commerce and traffic files. Ultimately, more elements will be incorporated into TSF that can be used to cross-reference with U.S. Coast Guard and Corps Performance Monitoring System data bases. Some of the data elements currently available are: WCSC and USCG vessel numbers; owner vessel number; operator name and WCSC code; vessel name; NRT; and vessel length, breadth, draft, hp, cargo and passenger capacities, year built, and type. Thus far, the file has been used to generate reports on barge utilization on the Mississippi River System/Gulf Coast; barge fleet by type and size on the Great Lakes, Mississippi River System, Gulf Coast, and Atlantic and Pacific Coasts; and towboat fleet age on the Great Lakes, Mississippi River System, Gulf Coast, and Atlantic and Pacific Coasts. Data base source: Army Corps of Engineers North Central Division, Chicago.

98. Waterborne Commerce Statistics Center (WCSC).

The U.S. Army Corps of Engineers Waterborne Commerce Statistics Center (WCSC) is responsible for collecting, compiling, and distributing all waterborne commerce statistics within the policies approved by the Office of the Chief of Engineers under authority of various laws dating from 1866 to 1932. Vessel operating data are collected by each Corps District from reports filed by operators within their boundaries. The districts then transcribe the district code, vessel number, NRT, vessel type, type of service and operator number onto the reports and forward them to the WCSC within seventy-two hours of receipt. Data provided by the actual reports include the names of the shipping and receiving ports and docks, type of traffic, and commodity type and tonnage. Foreign trade data are obtained from the Bureau of the Census and incorporated into the WCSC system. Requests for data not otherwise available in published reports may be made to the WCSC. Release of data is subject to the restrictions of disclosure policy and reimbursement is required for additional costs incurred. Data base source: Army Corps of Engineers Lower Mississippi Valley Division Waterborne Commerce Statistics Center, Vicksburg, Mississippi.

99. Marine Safety Information System (MSIS).

Developed by Battelle Columbus Laboratories for the Coast Guard Office of Research and Development, this data base merges and provides online update and history of records maintained by local Coast Guard installations on vessel inspection, safety boardings, pollution and accident investigations and construction oversight. The system is currently in prototype at installations on the Gulf Coast; full implementation within the next two years is anticipated. Source: Waterways Journal, Dec. 13, 1980.

III. Directories

100. American Commercial Barge Line Company.
Inland waterways mileage guide. Jeffersonville, Ind.

City/terminal mileages on the Mississippi River System and the Gulf Intracoastal waterways served by American Commercial Barge Line.

101. American Waterways Operators.
Waterside plant locations and expansions. Washington. annual. 1952 to date.

Brief announcements on planned and completed production sites on U.S. waterways, by waterway. Information includes city, company, manufacturing category, investment and employment.

102. Annual review and directory. Waterways Journal (appears in December issue).

Review of developments in equipment and facilities. Features include: Do you remember? a chronological review of the past year on the waterways, December 1-November 30; vessels on order, sold or transferred; vessel name changes; index to boat pictures published by Waterways Journal during the year.

103. Directory and guide. Work Boat (appears in June issue).

Marine diesel engine specifications.--Boat yard directory.--Manufacturers guide.

104. Fleet Data Service.
Guide to American inland towboats. Houston. annual.

v. 1. Louisiana.--v. 2. Gulf Intracoastal Waterway.--v. 3. Mississippi River system. Alphabetical listing of towboats with operators; alphabetical listing of operators with type of equipment; comparative engine specifications.

105. Great Lakes navigation. Montreal, Anchor Press. annual. Special edition of the Shipping Register.

Directory of ports (authority, facilities, some information on rail connections); fleet information; shipping directory: a classified guide to Canadian and United States Great Lakes ports (services at ports arranged by category).

106. Great Lakes red book. St. Clair Shores, Mich., North Seacoast Publishing Company. annual.

Directory of Great Lakes fleet and vessels (including dimensions, officers, radio/telephone call signals, port management and facilities, terminals and docks, etc.) Pocket-sized.

107. Greenwood's guide to Great Lakes shipping. Cleveland, Freshwater Press, Inc. annual.

Directory of vessels and fleets, docks and grain elevators, port profiles, specialized services.

108. Inland river guide. St. Louis, Waterways Journal. annual.

Operations on the Mississippi River system: barge and towing companies, terminals, service/repair facilities, marine contractors, divers/salvage.

109. Inland river record. St. Louis, Waterways Journal. annual.

Operations on the Mississippi River system: alphabetical listing of vessels, owners, dredging fleets, salvage firms and shipyards.

110. Interstate port handbook. Chicago. annual (last published in 1974, 39th edition)

Associations of the Lakes and inland waterways.--Army Corps of Engineers - waterway systems in the United States.--Great Lakes and St. Lawrence seaway ports.--Inland river, intracoastal waterway and ocean ports.--Mileages of ports, docks and terminals. Controlling clearances - bridges, locks, dams.--Marine services, supplies and terminals.

111. Lake Carriers' Association.
Annual report. Cleveland.

Annual review and statistics, including lake bulk freight tonnage: the iron ore trade, the coal trade, petroleum, products, grain, stone.

112. Marine equipment directory. Montreal, Anchor Press. annual. Special edition of the Shipping Register.

Directory of fleet owners (inland and marine) including government-owned fleets.

113. National Grain and Feed Association.
Directory of river barge shipping points. Washington, 1978. 24 p.

114. State of the waterways. Work Boat (appears annually in April).

Collection of articles on current developments. Includes the Corps budget, by state and waterway project.

115. Temple, Barker and Sloane, Inc.
Directory of large American barges and associated towing vessels. Lexington, Mass., 1979. 152 p.

Operator and vessel data for coastwise and ocean operations in tug/barge transportation.

BEST DOCUMENT AVAILABLE

116. U.S. Army Engineer Waterways Experiment Station.
River point directory for the Mississippi River-Gulf Coast inland waterways system. Vicksburg, Miss., May 1975. 1 v. (various pagings). (Miscellaneous paper H-75-6) Prepared by Larry L. Daggett and Robert W. McCarley.

"The primary purpose for developing the subject directory was to provide a means of relating waterborne commerce movement patterns, as compiled by the WCSC, to several different coding systems and categorizations that would be useful for projecting future waterborne traffic levels, for monetary rate analysis studies, and for planning studies of waterway improvements." (p. 2). Data includes WCSC port and dock codes, river code, location information including BEA and SMSA, and horizontal and vertical clearance of bridges.

117. U.S. Army Engineer Waterways Experiment Station.
Waterway point directory for the Great Lakes, Atlantic, and Pacific areas. Vicksburg, Miss., Jan. 1976. 4 v. (Miscellaneous paper H-76-2) Prepared by Larry L. Daggett and Robert W. McCarley.

Appendix E contains data on docks, locks, bridges, landings etc. for the Great Lakes area. Companion study to the River point directory.

118. U.S. Army. Corps of Engineers. Board of Engineers for Rivers and Harbors.
Port series. Ft. Belvoir, Va.

Series presenting data on port facilities by city or by waterway. Recent titles include: The ports of Los Angeles and Long Beach, Ca. (no. 28, rev. 1979); Ports of Hawaii (no. 50, rev. 1980); United States ports on Lake Erie (no. 42, rev. 1980).

119. U.S. Army. Corps of Engineers. Army Engineer District, Vicksburg.
Map of inland freight tonnage by direction of movement: Mississippi River, selected tributaries, and Gulf Intracoastal Waterway. Vicksburg, Miss., 1979. Revised periodically.

120. U.S. Army. Corps of Engineers. Army Engineer Division, North Central.
Origin-destination of bulk commodity movement, upper Great Lakes region. Chicago, June 1972. 1 v. (various pagings). Prepared under cooperative agreement with the Great Lakes Regional Commission.

Current and potential patterns for movement of grains, minerals and forest products.

121. U.S. Army. Corps of Engineers. Institute for Water Resources.
National waterways study: waterways system and commodity flow maps. Ft. Belvoir, Va., 1980. 20 maps.

No. 1. Existing major waterways and ports of the United States.--no. 2. Waterborne exports of general cargo by states and customs

regions, 1976.--no. 3. Waterborne imports of general cargo by states and customs regions, 1976.--no. 4. Waterborne exports of bulk cargo by states and customs regions, 1976.--no. 5. Waterborne imports of bulk cargo by states and customs regions, 1976. --no. 6. Total commodity movement by water, 1976.--no. 7. Coal movement by all modes, 1974.--no. 8. Coal resources: production and consumption, 1974.--no. 9. Crude petroleum movement by all modes, 1974.--no. 10. Refined petroleum products movement by all modes, 1974.--no. 11. Grain movement by water, 1976.--no. 12. Industrial and agricultural chemicals movement by water, 1976.--no. 13. Iron ore movement by water, 1976.--no. 14. Iron and steel products movement by water, 1976.--no. 15. Other commodities movement by water, 1976.--no. 16. Waterways and ports: Atlantic region.--no. 17. Waterways and ports: Mississippi River system and Gulf region.--no. 18. Waterways and ports: Great Lakes and St. Lawrence Seaway region.--no. 19. Waterways and ports: Pacific region.-- no. 20. Energy commodity movement by water, 1976. Waterways and ports maps indicate waterway depth, port tonnage categories in millions and type of traffic (foreign, coastwise, internal, local).

122. U.S. Coast Guard.
List of inspected barges and tankships. Washington, 1977. 294 p.
Distributed by NTIS.

123. U.S. Coast Guard. Research and Development Center.
Marine traffic data series. Groton, Conn.

Titles in this series present data on vessel density and vessel speed for marine traffic. Appendices include extensive descriptions of the port area. Inland waterway ports covered include Detroit River and St. Clair River (CG-D-70-79) and Chicago and the south shore of Lake Michigan (CG-D-74-79).

IV. Periodicals

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125. Great Lakes newsletter. Ann Arbor, Mich., Great Lakes Commission. bimonthly.

126. Inland towboat newsletter. Houston, Fleet Data Service. monthly, semiannual index.

Construction and rebuildings; update of the FBS Guide to American inland towboats.

127. Journal of the Waterway, Port, Coastal and Ocean Division, Proceedings of the American Society of Civil Engineers. New York, ASCE. quarterly.

128. National Waterways Conference newsletter. Washington, NWS. frequency varies.

129. Ohio Valley Improvement Association newsletter. Cincinnati, OVIA. frequency varies.

130. Revue de la navigation fluviale europeenne, ports et industries. Strasbourg, Editions de la Navigation du Rhin. semimonthly.

131. Tenn-Tom topics. Columbus, Miss., Tennessee-Tombigbee Waterway Development Authority. frequency varies.

132. Waterways journal. St. Louis, Waterways Journal, Inc. weekly.

History, operations, safety, financing and development on the waterways. Special issues on the OVIA and WRC conferences. Classified advertising, personnel, equipment and services.

133. Weekly letter, American Waterways Operators. Arlington, Va., AWO.

All the news in the inland water transportation field.

134. Work boat. New Orleans, H.L. Peace Publications. monthly.

Features on new boats, new products, new developments. Industry news. Special issues on construction, OVIA and WRC conferences.

V. Conferences

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The Commission sponsors conferences on transportation problems in the Great Lakes area, surface as well as water. Recent titles include: Toward more effective and efficient multimodal transportation in the Great Lakes region (1976), Vessel size: its implications for the Great Lakes Seaway system (1977, summary published 1978).

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Proceedings: second international waterborne transportation conference, Urban Transportation Division specialty conference, New York, October 5-7, 1977. New York, ASCE, 1978. 746 p. Sponsored by the Urban Transportation Division, ASCE et al.

Sessions on the role of waterborne transportation in the metropolitan area, case studies, new technology, goods movement, fare collection systems, financial, institutional and regulatory considerations, products liability, systems management.

137. Memphis State University. Bureau of Business and Economic Research.
Inland waterways, their influence on exporting and reverse investment: proceedings of inland waterways conference, March 6, 1974. 115 p. Sponsored by Memphis State University, University of Tennessee and U.S. Department of Transportation.

138. National Research Council. Transportation Research Board.

Papers presented at the TRB annual meeting sessions on inland water transportation may be published in Transportation Research Record. Recent issues of the Record cumulating these sessions include: Waterborne commerce and inland port development (669, 1978); Inland waterway user charges (704; 1979); Inland waterway studies (763, 1980).

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International navigation congress: papers. Brussels.

Congress held at four-year intervals. Papers issued in multivolume sets, subdivided by inland and ocean navigation. Coverage comprises inland waterways, ports, operations and safety.

140. Society of Naval Architects and Marine Engineers.
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Report of the first national planning conference on domestic shipping, April 30-May 4, 1972. Washington, 1972. 3 v. Distributed by NTIS.

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Benefit-cost analysis for water resource projects: a selected annotated bibliography. Revised edition. Knoxville, University of Tennessee Center for Business and Economic Research, June 1969. 148 p.

150. MRIS abstracts. Washington, Maritime Research Information Service, Transportation Research Board, National Research Council. semiannual.

Abstracting/indexing service to publications (articles, conference papers, books, reports) and research in progress. Covers all aspects of inland water transportation as well as maritime operations. Arrangement under broad topical categories, cross-modal, with subject term, author/investigator and source indexes.

Searches of this data base are also available in batch mode through the Maritime Research Information Service and online through the DIALOG Information Retrieval Services.

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The author was affiliated with Dravo Corporation, Pittsburgh.

152. U.S. Army Engineer Waterways Experiment Station.
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Water transportation and inland waterways information: basic considerations. Monticello, Ill., Council of Planning Librarians, Nov. 1976. 16 p. (Exchange bibliography 1168)

Listing of articles, conferences, books, reports arranged by topical categories and by waterway.

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MOTOR CARRIERS

by

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December 1980

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Continues the Commission's Statistics of class I motor carriers. Financial and operating data (U.S., region) for class I common, contract and household goods carriers, class I passenger carriers in intercity and local/suburban service. Operating taxes and licenses for class I carriers of passengers by state. Summary data by individual carrier.

168. U.S. National Highway Traffic Safety Administration. National Center for Statistics and Analysis.
Heavy trucks: fatal accident reporting system special report on heavy trucks, by Mark E. Cassidy. Washington, GPO, May 1978.

Occurrence and distribution data for 1975 and 1976.

III. Directories

169. American Movers Conference.
Directory of members. Washington. annual.

170. American Trucking Associations.
Annual report. Washington. 1966-

Also titled: Truckin. Brief economic review and forecast for the industry; activities of ATA divisions, departments and councils.

171. American Trucking Associations.
F&OS executive and ownership report, class I & II motor carriers of property. Washington. annual. (Financial and operating statistics service)

Alphabetical arrangement of carriers, including for each address, telephone, type of carrier and commodity carried, officers and directors, ownership and shares owned, subsidiaries and affiliates. Based on annual reports filed with the Interstate Commerce Commission.

172. American Trucking Associations. Operations Council.
Membership directory. Washington. annual.

173. American Trucking Associations. Safety and Security Dept.
How and where to check driving records, to report accidents, plus a summary of classified license requirements: a directory. Washington, 1977. 23 p.

State agencies, information supplied and fees on driver record checks; state agencies and reporting criteria for accidents.

174. Contract Carriers, Inc.
National directory of motor contract carriers in interstate commerce. Washington. annual.

175. Equipment Interchange Association.
International registry of trailer, container and chassis equipment, effective April 1, 1978. Washington.

176. Hawkins index-digest-analysis of decisions under part II and part IV of the Interstate Commerce Act. Washington, Hawkins Publishing Co. 4 v. (loose-leaf) monthly supplemental/revision service.

An index to ICC and court decisions with abstracts of the decisions. General index, index of motor carrier rate reports by commodities. index by decision number.

177. Heavy-Specialized Carriers Conference.
Official directory. Washington. annual.

178. International charter coach guide. Cedar Rapids, Iowa, Russell's Guides, Inc.; Spokane, Wash., Friendship Publications, Inc. 1978 to date. annual.

179. International Road Transport Union.
Handbook of international road transport. 7th ed. Geneva, 1975. 431 p.

180. J.J. Keller & Associates, Inc.
Trucking permit guide. Neenah, Wis. 1 v. (loose leaf). quarterly updates, monthly news service.

Federal and state-by-state regulations for operations and application by type of carrier; vehicle size and weight regulations. International section with similiar information for Canada (national and provincial) and Mexico.

181. Leonard's Guide.
Motor freight directory, Chicago edition. Northbrook, Ill., G.R. Leonard & Co. semi-annual.

182. Leonard's Guide.
Motor freight directory, New York-New Jersey metropolitan area. New York, G.R. Leonard & Company. semi-annual.

183. Local and Short Haul Carriers National Conference.
National distribution directory of local cartage, short haul carriers, warehousing. Washington. annual.

184. National Furniture Traffic Conference.
National directory of specialized furniture carriers. Gardner, Me. annual.

185. National highway and airway carriers and routes. Buffalo Grove, Ill. semi-annual.

Alphabetical listing of carriers: address, telephone, officials, states served - intra- and interstate, ICC certificate number, equipment, insurance, terminals and points of interchange, type of service, tariffs, classification. Map section: advertiser's route maps and terminals. Classified index of carriers by states and cities. General information: government agencies, associations, conferences, rate bureaus. Routing section. Air cargo directory.

186. National Motor Freight Traffic Association.
National motor freight classification. Washington.

187. National Motor Freight Traffic Association.
Standard multi-modal carrier and agent alpha code directory. Washington. 1980.

Codes for rail, motor, bus, water and freight forwarder carriers, as required by ICC Docket no. 35819.

188. National Tank Truck Carriers.
National tank truck carrier directory. Washington. annual.

189. Official motor carrier directory. Chicago, Official Motor Carrier Directory, Inc. semi-annual.

Sect. 1: Alphabetical list of carriers, including for each, address, telephone, officers, operating authority and ICC certificate number, intrastate and interstate service areas, equipment, insurance per unit, terminals and agencies, tariffs, classification and special services. Sect. 2: Cross-index of motor carriers by state. Sect. 3: Heavy and specialized carriers offering direct service throughout the United States. Sect. 4: Cross-index of heavy and specialized carriers by state. Sect. 5: Air cargo carriers: domestic and overseas airlines offering regularly scheduled, direct air cargo service. Sect. 6: General information (federal agencies, state agencies, tariff publishing bureaus and agents, American Trucking Associations, state motor transportation associations, port authorities - U.S. and Canada, motor transportation organizations).

190. Private Carrier Conference.
Reciprocity guide for private motor carriers. 1975 ed. Washington. 122 p.

Subtitled: A comprehensive state-by-state (including the Canadian provinces) list of regulations, fuel purchase laws, mileage taxes, trip permits, excess size and weight permits, registration requirements and reciprocity agreements encountered by private (not-for-hire) motor carriers operating in interstate and international commerce.

191. Private Truck Council of America.
Membership roster. Washington. annual.

192. Private Truck Council of America.
Regulation for private truck operations. Washington. 1 v. (loose-leaf). Supplemental updating service.

193. Russell's official national motor coach guide. Cedar Rapids, Iowa, Russell's Guides, Inc. pt. 1, monthly; pt. 2, approximately semi-annual; pt. 3, semi-annual.

Subtitled: Official publication of bus lines for United States and Canada, also service for Mexico and Central America. pt. 1. Timetables, news and notes of current interest. pt. 2. Directory of bus lines (officials and address), depots, stations and terminals. pt. 3. Route maps (states, Canadian provices, Mexico).

194. Truck Trailer Manufacturers Association.
TTMA directory. Washington. annual.

IV. Periodicals

Journals issued by the state trucking associations and carrier house organs have been omitted in this listing. Ayer Directory of Publications contains a good listing of the state journals.

195. American Bus Association Motor Carrier Regulation Service. Washington, American Bus Association. weekly. Continues: NAMBO motor carrier regulation service.

196. Bulletin, Private Carrier Conference. Washington.

Newsletter.

197. Bus Ride. 1965- Spokane, Friendship Publications. 8/yr.

Emphasis on transit with a few articles on intercity bus transportation.

198. Claims Councillor. Washington, National Freight Claim Council of the American Trucking Associations, Inc.

Distributed with this newsletter are the freight claim arbitration decisions from the NFCC arbitration file.

199. Commercial Car Journal. 1911- Radnor, Pa., Chilton Company. monthly.

Trucking industry news and developments. Fleet reference annual (April issue) includes sections on reciprocity (status of reciprocity agreements in operation, state agency contacts, vehicle size and weight limits); tools and equipment (shop tools and equipment reference guide); equipment guidelines; heavy-duty service directory. America's top 100 regulated carriers plus industry trends and statistics (June issue) includes carrier financing, fleets, registration, vehicle sales based on ICC data and special CCJ compilations Fleet safety directory (August issue). Fleet specs, catalog directory (October issue).

200. Direction: Journal of the National Furniture Warehousemen's Association. Alexandria, Va. monthly.

201. Fleet Owner. 1928- New York, McGraw-Hill Publishing Company. monthly.

Trucking industry news and developments. Special features include Information almanac (regulations and compliance - OSHA, BMCS, Noise), maintenance councils, associations, manufacturer's service manuals and training courses (October issue). Annual specs and buyers directory also appears in the October issue.

202. Fuel economy news. Washington, U.S. Department of energy. quarterly.

Subtitled: The newsletter of the Voluntary Truck and Bus Fuel Economy Program.

203. Heavy-Duty Distribution. 1967- Deerfield, Ill., Kona Communications. monthly. Continues: Heavy-Duty Fleet Distribution.

Industry developments, forecasts, and management for distributors, new equipment. Annual guide tc heavy-duty trade associations (May issue).

204. Highway Common Carrier Newsletter. Washington, Regular Common Carrier Conference of the American Trucking Associations, Inc. approximately biweekly.

Regulatory news.

205. International Teamster. 1902- Washington, International Brotherhood of Teamsters, Chauffeurs, Warehousemen and Helpers of America. monthly.

Articles on IBT conferences and workshops, legislation, the trucking industry and driver aids and practices.

206. Modern Bulk Transporter. 1937- Washington, Sutherland Publications. monthly. Continues: Petroleum and Chemical Transporter.

Subtitled: the tank truck magazine. Regulations, operations, equipment, association news. Annual gross revenue report listing class I and II for-hire tank truck carrier revenues for current and preceding year, operating ratio for current year, in rank order with an alphabetical index of carriers.

207. Movers Journal & U.S. Mover. Arlington, Va., American Movers Conference. semi-monthly.

Moving industry news and developments.

208. On Guard. Washington, Bureau of Motor Carrier Safety. irregular.

One-page bulletin on safety practices, aimed at the commercial driver.

209. Overdrive. 1961- Los Angeles, Transamerican Press. monthly.

Addressed to professional drivers - over-the-road and owner-operator. General articles, recommendations for driver input to current trucking issues. A lot of coverage on size and weight.

210. Private Carrier. 1964- Washington, Private Carrier Conference, Inc. monthly.

Industry news and developments.

211. Private Line. Washington, Private Truck Council of America, Inc. monthly.

Newsletter.

212. Refrigerated Transporter. 1964- Houston, Tunnell Publications, Inc. monthly.

Refrigerated transport in intercity and urban carriage. Coverage includes operations, personnel, equipment, regulation. Regular features: Washington wire, motor carrier applications. Special issues on CCC-IR annual meeting, dairy and local distribution, supermarkets, maintenance. Annual survey of less than truckload refrigerated service listing carrier, address, service points, schedules, commodities carried and cold storage facilities.

213. Research Review, American Trucking Associations. Washington, ATA Research and Economics Division. monthly.

Recent data on operating costs, truck sales, vehicles in use, plus other information from various sources of interest to the trucking industry.

214. Safety Bulletin. 1955- Washington, American Trucking Associations Department of Safety and Security. monthly.

Current information on changes in federal safety regulations, safety activities within the industry, announcements of safety meetings.

215. SCAN. Washington, American Bus Association. Continues: American Bus Association Newsletter.

216. Today's Transport International. 1967- Westport, Conn., Intercontinental Publications. bimonthly.

Operations and products for fleets, primarily trucks. Annual fleet directory to products and manufacturers includes brand name index.

217. Transport Topics. 1935- Washington, American Trucking Associations. weekly.

The national newspaper of the trucking industry. Current issues emphasize regulation, economics, reports on conferences and meetings. Coverage of all segments of truck transportation.

218. Transportation Engineer. 1953- Newport Beach, Calif., HIC Corporation. monthly.

Official publication of the Heavy Specialized Carriers Conference. Articles on carrier operations, crane and rigging.

219. Truck & Off-Highway Industries. 1979- Radnor, Pa., Chilton Company. bimonthly.

Operations, economics, equipment, regulation. Annual off-highway yearbook (August issue) includes forecasts, products, the market, regulation and an international section.

V. Conference Proceedings

220. Academics talk to motor carriers: proceedings of American Trucking Associations Educator Symposium, April 26-27, 1978 at Washington D.C. Washington. ATA Foundation, Inc., 1978. 104 p.

Contents: The ICC's expansion of the commercial zone, by W. Bruce Allen.--Traffic flow studies in strategic planning, by James A. Constantin.--The status of economies of scale in regulated trucking: a review of the evidence and future directions, by Garland Chow.--The importance of trucking in America's small towns: a sociological perspective, by Samuel Z. Klausner.--Why not deregulate, by Lee J. Melton, Jr.--Are motor carrier freight rate bureaus really necessary? by Roy L. Sampson.

221. Annual conference on highway transportation. Washington, American Petroleum Institute Transportation Department. Sponsored by Central Committee on Highway Transportation. title varies.

Minutes of and reports presented at the annual conference. Topics include government agency activities, safety, fuel economy.

222. Annual meeting presentations: a compilation of speeches given at the ... annual meeting of the ATA National Accounting and Finance Council. Washington, the Council.

Papers on a range of carrier trends and operations, primarily presented by industry officials and consultants.

223. Annual shipper-carrier-membership meetings: minutes and procedings of the National Freight Claim Council. Washington, the Council.

Proceedings of the annual meeting: minutes and dockets, annual reports of officers, special reports and addresses.

224. ATA/MSC national workshop: proceedings of the American Trucking Associations Management Systems Committee ... annual national workshop. Washington, the Committee.

225. The DOT/SAE truck and bus fuel economy measurement conference. University of Michigan, Ann Arbor, April 21-23, 1975. Warrendale, Pa., Society of Automotive Engineers, 1975. 1 v.

Subtitled: A conference conducted by the SAE research Executive Board under contract to the U.S. Department of Transportation to develop measurement techniques which may be useful in a joint industry-government voluntary truck and bus fuel economy implementation program.

226. IRU congress: speeches, discussions, standpoints. Geneva, International Road Transport Union. biennial.

Addresses, panel presentations, report of the Secretary-General. Text in English and French.

227. Motor carrier economic regulation: proceedings of a workshop, April 7-8, 1977, National Academy of Sciences, Washington D.C. conducted by National Academy of Sciences in cooperation with the Transportation Center at Northwestern University. Washington, The Academy, 1978. 643 p.

Seventeen papers and resulting discussions and summaries of a conference sponsored by the U.S. Department of Transportation Program of University Research. Session I. The structure of the motor carrier industry: empirical findings about cost and demand.--Session II. The effect of regulation under the current regulatory scheme.--Session III. Cross subsidy issues: small towns, small shippers, small shipments and the effect of the common carrier.--Session IV. Policy alternatives and the effects of regulatory changes.

228. National Safety Congress transactions: motor transportation. Chicago, National Safety Council. annual.

Brief presentations relevant to commercial motor, transit and school transportation safety.

229. National symposium on commercial truck exposure estimation, by Martin L. Reiss, the Institute for Safety Analysis. Washington, U.S. National Highway Traffic Safety Administration, 1979. 2 v. (DOT-HS-805121-2) Distributed by NTIS.

Report of symposium held April 9-11, 1979, sponsored by NHTSA. Twenty-two papers on accident analysis needs, measures of truck exposure, techniques for exposure estimation, observation techniques, use of exposure data. Contents: v. 1. Summary.--v. 2. Proceedings.

230. Proceedings of the federal state workshop on motor carrier regulation, October 22-24, 1979, sponsored by the Interstate Commerce Commission. Washington, The Commission, 1980. 194 p.

Transcription of panel discussions. Topics: Effects of levels and types of regulatory reform on "small communities"; The common carrier obligation; Reports on regulatory change; Rate differences for similiar movements - intrastate, commercial zone and interstate; Rates and rate bureaus; Implications of relaxed entry; Areas of potential cooperation.

231. Productivity and highway transportation. Logistics and Transportation Review, v. 8, no. 4 (1972), 96 p.

Papers based on a symposium sponsored by the Centre for Transportation Studies, University of British Columbia. Topics include engine performance, management information systems, accounting tools, optimal equipment replacement, relationship of regulation to productivity. U.S. and Canadian coverage.

232. Regulation of entry and pricing in truck transportation, edited by Paul W. MacAvoy and John W. Snow. Washington, American

Enterprise Institute for Public Policy Research, 1977. 301 p. (AEI studies 162)

pt. 1. Overview of the issues.--pt. 2. The social costs of regulation.--pt. 3. Some effects of regulatory reform.--pt. 4. Implications of reform for traffic diversion and energy use.--pt. 5. Reforms of operating restrictions and commercial zones.--pt. 6. Market stability in a less regulated environment.

233. Transportation Law Institute papers and proceedings. Denver, University of Denver Law Center. annual.

Record of the Institute jointly sponsored by the University of Denver College of Law and the Motor Carrier Lawyers Association. Themes of recent Institutes include motor carrier financing, operating rights, rate regulation and reform.

234. Trucking regulation and consumer prices: proceedings of a symposium held in Washington, D.C., May 17, 1979, edited by Mimi Cutler. Washington, Transportation Consumer Action Project, 1979. 139 p.

235. Why an air disc brake for heavy trucks? Warrendale, Pa., Society of Automotive Engineers, 1980. 52 p. (SP-466)

Listed as an example of the type of coverage on truck engineering and safety available through SAE. Papers and conference proceedings are announced in the SAE indexes.

VI. Dictionaries and Glossaries

Glossaries of financial terms are included in several of the American Trucking Associations financial analyses, reported in section II of this bibliography.

236. American Telephone and Telegraph Company.
Glossary of trucking terms. New York, [1961]. 20 p.

Glossary of terms; glossary of abbreviations.

237. Glossary of trucking terms. Terminal Operator, Apr. 1974, p. 70-79.

238. Tak, Montie.
Truck talk: the language of the open road. Philidelphia, Chilton Book Co., 1971. 191 p.

239. Truck-Trailer Manufacturers Association.
Nomenclature and terminology of tank trailers and tank containers. Washington, July 10, 1973. 19 p. (RP no. 36-73)

240. Walker, Jean M.
Truck drivers dictionary and glossary. Washington, American Trucking Associations Education Section, 1968. 36 p.

VII. Bibliographies

241. ATA General Library monthly bulletin. Washington, American Trucking Associations Research and Economics Division. bimonthly.

Books and reports added to the library. Good source for new ATA publications including latest issues of serials.

242. Bain, Janice W.
The intercity bus industry: a bibliography. Iowa City, University of Iowa Institute of Urban and Regional Research, May 1979. 11 p. (National Transportation Policy Study Commission working paper no. 10)

Annotated bibliography of recent books, reports and articles, with special sections on congressional hearings, legislation, statistics and NTPSC hearings.

243. Chin, Felix.
The controversy over trucking industry regulation and deregulation: a comprehensive bibliography. Monticello, Ill., Vance Bibliographies, Feb. 1980. 39 p. (Public administration series P-427)

An estimated 300 references to trucking and transportation regulation, covering books, reports, conference papers and journal articles, most published in the 1970's. Arranged alphabetically by author. Introduction/summary on background and pros and cons of deregulation.

244. Davis, Bob J.
An annotated bibliography of the motor carrier industry. Washington, American Trucking Associations, Jan. 1976. 77 p.

Main arrangement by topic: cargo security, education, highway, household goods carriers, interstate commerce law, labor, loss and damage, motor carriage, motor pricing, private carriage, safety, miscellaneous. In addition to books, reports and journals, sections include directories, associations, educational programs, government organizations. Fully annotated. Author index.

245. Eck, Ronald W.
Truck escape ramps: annotated bibliography on the state-of-the-art. Monticello, Ill., Vance Bibliographies, Sept. 1980. 35 p. (Public administration series P-559)

Forty-seven references on escape ramps and accident causes. Extensively annotated; keywords assigned to each entry. Based on research sponsored by the West Virginia Department of Highways.

246. Flynn, Lois.
Heavy duty vehicles: a subject bibliography from highway safety

literature. Washington, National Highway Traffic Safety Administration, 1979. 80 p. Distributed by NTIS.

247. Gerald, J.O. and R.J. Byrne.
Economics of trucking: an annotated bibliography. Washington, U.S. Department of Agriculture Economic Research Service, Apr. 1977. 27 p. (ERS 658)

248. Givens, W.E.
Bibliography of motor carrier and truck manufacturing publications. Dearborn Heights, Mich., American Truck Historical Society, 1973. 41 p. Preliminary edition, revised.

Books and pamphlets, selected government publications, periodicals, list of truck manufacturer manuals, references to motor truck manufacturer and marque listings. Primarily U.S. coverage, some Canadian. Items held in the Detroit Public Library Automotive History Collection and the Northwestern University Transportation Library are indicated.

249. International Road Transport Union.
Selection of international road transport documentation. Geneva, May 1974 to date. semi-annual.

Books, reports and journals in topical arrangement. Selection of slides and films. Annotated in English and French.

250. Northwestern University. Transportation Library.
The motor carrier industry: a bibliography, prepared for Workshop on Motor Carrier Economic Regulation, April 7-8, 1977, sponsored by National Academy of Sciences, U.S. Department of Transportation and Northwestern University Transportation Center. Evanston, Ill., Northwestern University Transportation Center, 1977. 21 p.

Two hundred eight references arranged by topic: operations and management, finance, rates, regulation, mergers/diversification, small shipments, private and exempt trucking, trucks, shipment of goods. Books, reports, conference papers, articles, primarily published 1970 to 1976.

251. White, Frederick S.
Distribution of truck traffic: a bibliography. College Station, Texas Transportation Institute, 1971. 13 p. (Bibliographic survey of library facilities project) Distributed by NTIS (PB 205738).

Thirty-nine fully annotated references on truck equivalency, speed, traction, lateral placement. Prepared for Texas Highway Department in cooperation with U.S. Bureau of Public Roads.

PIPELINES

by

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October 1980

Introduction

Information on pipeline transportation is elusive. Some data is available in petroleum and energy literature, some in railroad publications, some in public utilities reports, and other similar places.

The chief focus of this bibliography is on material that is easily available and has been published since 1970. Most of the materials are concerned with natural gas, crude oil, and petroleum products. There are some materials on slurry transportation. The bibliography does not attempt to be exhaustive. It does not cover company magazines, studies, or annual reports. It does try to provide an access point to the available data.

Special thanks are owed to all of the librarians at Standard Oil Company of California, the Institute of Transportation Studies, University of California, Berkeley, and Pacific Gas and Electric Company. Without access to these collections, the compilation of this bibliography would have been impossible. Steven J. Dorner, American Gas Association; Meryl Swanigan, Atlantic Richfield Company; Barbara Wells, Shell Oil Company; and Mary McCain, Standard Oil Company of California gave much of their time in reviewing and constructively critizing this bibliography. I am grateful to them and to Brooks Hunt, a Manalytics' colleague, for his patience and perseverance in the editing and typing of this section.

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I. Basic References

1. American Gas Association.
Pipeline research summary 19___. Arlington, Virginia. Annual.

Published since 1944, this annual summary includes synopses of all pipeline research currently being funded by the industry. Projects are in areas of line pipe research, welding, corrosion, storage, transmission, and off shore and LNG pipelines.

2. Battelle Columbus Laboratories.
Transportation of highly volatile, toxic, or corrosive liquids by pipeline. Prepared for U.S. Department of Transportation. Springfield, Virginia, NTIS, 1976. 289p.

Presents the design, construction, operation and maintenance practices of pipelines transporting liquefied petroleum gases and anhydrous ammonia and the associated problems. Includes lengthy literature search with abstracts and subjective evaluations.

3. Cold Regions Research and Engineering Laboratory.
The Canol pipeline project, a historical review. Springfield, Virginia, NTIS, 1977. 37p.

A historical review of the first long-distance petroleum pipeline system constructed in the Arctic region during the early part of World War II. "Considerable controversy plagued the project throughout; nevertheless, its completion proved that undertakings of such magnitude could be accomplished despite the formidable problems."

4. Colorado School of Mines.
The hydraulic transportation of oil shale. Prepared for U.S. Bureau of Mines. Springfield, Virginia, NTIS, 1977. 379p.

Investigation of pipeline behavior and economics of slurry transport of raw and spent oil shale slurries.

5. Colorado School of Mines.
The transportation of tunnel muck by pipeline. Prepared for U.S. Urban Mass Transportation Administration. Springfield, Virginia, NTIS, 1978. v.p.

The removal of muck from a tunnel excavation project by hydraulic or pneumatic pipeline is studied with an emphasis on technology rather than economics.

6. ICF, Inc.
Potential energy and economic impacts of coal slurry pipelines; final report. Prepared for U.S. Department of Energy. Washington, D.C., 1980. v.p.

Assesses the impact of a network of coal slurry pipelines in regional coal production and consumption, delivered coal prices, and consumer costs.

7. International petroleum encyclopedia. Tulsa, Oklahoma, Petroleum Publishing Company. Annual.

   Annual state-of-the-art for the petroleum industry. Contains country maps showing all pipelines including those planned or under construction, sections on new developments in various fields, including pipelining, and a directory of pipeline contractors.

8. International Pipeline Contractors Association.
   A manual of pipeline construction. Second edition. Paris, 1977. 64p.

   Basic guide to pipeline construction activities. Illustrated with photographs.

9. Johnson, Arthur Menzies.
   The development of American petroleum pipelines; a study in private enterprise and public policy, 1862-1906. Ithaca, New York, Cornell University Press, 1956. 307p.

10. Johnson, Arthur Menzies.
    Petroleum pipelines and public policy, 1906-1959. Cambridge, Massachusetts, Harvard University Press, 1967. 555p.

    A history of the petroleum pipeline industry from its beginnings in 1862 to the beginning of regulation in 1906, with the passage of the Hepburn Act, through the 1950s.

11. Mead, Robert Douglas.
    Journeys down the line, building the Trans-Alaska Pipeline. Garden City, New York, Doubleday, 1978. 609p.

    A rambling history of the construction of the Trans-Alaska Pipeline covering the period from the discovery of oil at Prudhoe Bay in 1968 to a tanker trip with the first oil in 1977. Many interviews with the responsible personnel and lists of sources for each chapter.

12. National Petroleum Council. Committee on U.S. Petroleum Inventories, and Storage and Transportation Capacities.
    Petroleum storage and transportation capacities. Washington, D.C., 1979. 6 volumes.

    "In June 1978, the Secretary of Energy requested the National Petroleum Council to determine the nation's petroleum and gas storage and transportation capacities as part of the federal government's overall review of emergency preparedness planning."

13. Petroleum/2000. Seventy-fifth anniversary issue of Oil & Gas Journal, August 1977. 538p.

    Includes a section of articles on pipelining, with forecast of the trends of the next quarter century.

14. Pipe Line rules of thumb handbook. Houston, Gulf Publishing Company,
    1978. 197p.

    "A manual of quick and reasonably accurate solutions to everyday pipeline problems," this guide includes construction, design, flow, oil and products pipelines, and economic aspects of the same.

15. Roscow, James P.
    800 miles to Valdez, the building of the Alaska Pipeline. Englewood Cliffs, New Jersey, Prentice-Hall, 1977. 227p.

    "The pipeline is the largest and most expensive project ever undertaken by private industry. By the time it began operating in the summer of 1977, some 70,000 people from all over the world had worked on it. Technically, managerially, and legislatively, the pipeline has dwarfed any other modern-day industrial enterprise."

16. Ryan, David C., Jr.
    An introduction to freight pipeline transportation. Springfield, Virginia, NTIS, 1978. 40p.

    Covers basic subject of freight pipelines and a description of the different classes--pneumatic, slurry, pneumatic-capsule, and hydraulic-capsule. Good overview for non-technical people.

17. Saskatchewan Research Council.
    Experimental studies on solids pipelining of Canadian commodities for the Canadian Transport Commission and the Transportation Development Agency. Saskatoon, 1973-1974. 9 vols.

    Covers slurry pipelining of limestone, iron ore, potash, coal, and sands. Also covers erosion-corrosion and transient flow.

18. Sellgren, Anders.
    Slurry transportation of ores and industrial minerals in a vertical pipe by centrifugal pumps; a pilot plant investigation of hydraulic hoisting. Springfield, Virginia, NTIS, 1979. 232p.

    "A pilot-plant investigation of slurry transportation in a vertical pipe . . . and of the effect of suspended solids on the performance of a rubber-lined centrifugal pump."

19. Systems, Science and Software.
    Federal regulation of the pipeline industry: a summary review. Prepared for U.S. Department of Energy. Springfield, Virginia, NTIS, 1977. 161p.

    Identifies jurisdiction of various federal pipeline regulatory agencies and gives history, scope, and agency structure. Also examines areas of energy conservation in the pipeline industry.

20. Systems, Science and Software.
Slurry pipelines: economic and political issues, a review. Prepared for U.S. Department of Energy. Springfield, Virginia, NTIS, 1977. 185p.

Discussion of the eminent domain issue which has been a blockade to wider construction of coal slurry pipelines. Analyzes issues of economics, water supply, employment, safety, etc.

21. Systems Sciences, Inc.
Transportation of hydrocarbons by cryogenic pipeline. Prepared for Applied Science and Research Applications, National Science Foundation. Springfield, Virginia, NTIS, 1977. 192p.

A design and economic feasibility study of the cryogenic transport of natural gas and natural gas-crude oil as a slurry showed that pipelines designed for -258°F and -140°F are advantageous as long as cryogenic material costs are less than 400 percent of conventional pipeline material costs. In arctic applications, they are economically superior.

22. U.S. Congress. Office of Technology Assessment.
A technology assessment of coal slurry pipelines. Washington, D.C., 1978. 155p.

The social, economic, and environmental factors involved in coal slurry pipeline development are examined in relation to eminent domain legislation. Covers forecasts of coal to be transported from producers to consumers, rail vs. pipeline costs, water resources, and the relevant legal and regulatory provisions.

23. U.S. General Accounting Office.
Coal slurry pipelines: progress and problems for new ones. CED-79-49. Washington, D.C., 1979. 27p.

Discusses current status of seven proposed pipelines and notes that several could be built by the mid-1980s without eminent domain legislation.

24. U.S. General Accounting Office.
Pipeline safety--need for a stronger federal effort. CED-78-99. Washington, D.C., 1978. 19p.

Review of the activities, weaknesses, and areas needing improvement in the Department of Transportation's Office of Pipeline Safety Operations.

25. U.S. National Transportation Safety Board.
Special study--safe service life for liquid petroleum pipelines. Washington, D.C., Government Printing Office, 1978. 42p.

Analysis of nine years of liquid pipeline accident data revealed "significant trends from the causes of pipeline leaks and accidents." NTSB prepares and publishes individual reports on all pipeline accidents in which there is a fatality or substantial property damage.

26. University of Pennsylvania. Department of Civil and Urban Engineering.
Transport of solid commodities via freight pipeline. Prepared for Office of University Research, U.S. Department of Transportation. Springfield, Virginia, NTIS, 1976 - . 9 volumes to date.

The first year report of the project described the technical and economic feasibility of a freight pipeline as an intercity transportation mode. The second year report applied the methodology that was developed to the Philadelphia-Chicago transport corridor. The third year report will be published in late 1980 or 1981.

27. University of Texas. Petroleum Extension Service.
Introduction to the oil pipeline industry. Second edition. Austin, 1978. 84p.

The early history of pipelines and their current operations are covered. Glossary of pipeline terminology included.

28. Wasp, Edward J. et al.
Solid-liquid flow slurry pipeline transportation. Clausthal, Germany, Trans Tech Publications, 1977. 224p.

Written for the practicing engineer, this book covers design, aspects of liquid flow, flow of homogeneous and heterogeneous suspensions, operations, corrosion-erosion problems, and economic and financial aspects related to slurry pipelines. Problems to solve are given in each section for better understanding. References for further reading are included at the ends of chapters.

29. Wolbert, George S., Jr.
U.S. oil pipelines; an examination of how oil pipelines operate and the current public policy issues concerning their ownership. Washington, D.C., American Petroleum Institute, 1979. 556p.

Although much of the book is dealing with policy, there are lengthy sections reviewing the pipeline industry today--its structure, economic characteristics, and financing.

II. Statistical Sources

30. American Gas Association. Bureau of Statistics.
Gas facts; a statistical record of the gas utility industry. Arlington, Virginia. Annual.

Transmission and distribution statistics for gas pipeline companies - miles of utility gas main for natural, manufactured, mixed and liquefied natural gas by state; number of stations and miles of transmission mains by pipe diameter for major pipeline companies.

31. American Gas Association. Library Services Committee.
Energy statistics: North American and world sources. Arlington, Virginia, 1977. Loose-leaf. (u.p.)

"This reference tool is intended to serve as a starting point for locating statistical data in the energy field...The sources indexed represent a defined body of the energy statistical information sources available...The Committee does plan to publish on a regular basis updates and additions to this work." Loose-leaf coverage of broad energy areas such as coal, crude petroleum, liquefied petroleum gas, natural gas, etc. Subject divisions under each broad area give geographic area covered, data description, data form and frequency and the source.

32. American Petroleum Institute.
Annual statistical review: petroleum industry statistics. Washington, D.C., 1971-1976.

Statistics on the U.S. petroleum industry, including production, refining, transportation, etc. Includes some worldwide figures.

33. American Petroleum Institute.
Basic petroleum data book; petroleum industry statistics. Washington, D.C.

Replaces Annual Statistical Review: Petroleum Industry Statistics. Updated four times each year. "Transportation" section covers the mileage of petroleum pipelines in the United States over a twenty-five year period as well as information on gas utility industry pipelines.

34. Association of Oil Pipe Lines.
Shifts in petroleum transportation. Washington, D.C. Annual.

News release that gives tonnage and percent of crude oil and petroleum products in domestic transportation carried by each mode of transportation. Comparative statistics for previous years.

35. Canada. Statistics Canada.
Oil pipeline transport. Ottawa. Monthly.

Traffic and revenues on Canadian crude and product lines.

36. Canada. Statistics Canada.
Oil pipeline transport. Ottawa. Annual.

Operating, financial and facilities statistics for Canadian oil pipeline companies.

37. Canadian Petroleum Association.
Statistical handbook. Calgary, Alberta. Annual with quarterly updates.

Statistics on consumption, drilling, pipelines, crude oil, natural gas, prices, etc.

38. Oil and Gas Journal Databank. Petroleum Publishing Company. Annual update. Vendor: Data Resources, Inc.

Non-bibliographic database that contains over 2,000 annual time series on world oil and gas supply information from the International Petroleum Encyclopedia and Oil and Gas Journal. Scope is international and some series are covered from 1955.

39. Special Libraries Association. Science-Technology Division. Petroleum Section. Committee on U.S. Sources of Petroleum and Natural Gas Statistics.
U.S. sources of petroleum and natural gas statistics.
Compiled by Margaret M. Rocq. New York, 1961. 94p.

Two hundred thirty-one serial publications from governments, associations, periodical publishers and corporations indexed by subject and type of data. Covers pipeline planning, construction, operations and finance. Plans have been made to update this publication in the near future.

40. Transportation. Data Resources, Inc. Updating varies. Vendor: Data Resources, Inc.

Non-bibliographic database that contains series on various transportation-related traffic and financial statistics. Covers commodity traffic by mode, including pipeline, and by region. An industry monitoring file contains information on shipment levels of industries using transportation. Additional data are available offline from the U.S. Interstate Commerce Commission and the Corps of Engineers.

41. Transportation Association of America.
Transportation facts and trends. Washington, D.C. Annual with quarterly updates.

Statistics on transport by oil pipelines are included in a comparison with other modes of transportation. Covers such items as revenues, costs, percentage of total ton-miles in intercity freight, average length of freight haul, industry employment, employee compensation, etc.

42. U.S. Department of Energy. Energy Information Administration.
Statistics of interstate natural gas pipeline companies--19____.
Compiled from annual reports submitted by interstate natural gas pipeline companies pursuant to the requirements of the Natural Gas Act. Classes A and B Companies. Washington, D.C., Government Printing Office. Annual.

Detailed financial and operating statistics compiled from annual reports with 10 year figures. Covers revenues, sales, and balance sheets of companies with revenues of one million dollars or more.

43. U.S. Department of Energy. Federal Energy Regulatory Commission.
Transportation revenues and traffic of large oil pipeline companies. *Washington, D.C. Semi-annual.*

Statistics on revenues and runs.

44. U.S. Interstate Commerce Commission. Bureau of Transport Economics and Statistics.
Statistics of oil pipeline companies reporting to the . . . for the year ended 1929-1953. Washington, D.C., 1930-1954. Annual.

Superseded by the Commission's Transport statistics in the United States, pt. 6. Oil pipelines.

45. U.S. Interstate Commerce Commission. Bureau of Transport Economics and Statistics.
Transport statistics in the United States for the year ended 1954-1976. pt. 6. Oil pipelines. Washington, D.C., 1955-1977. Annual.

Detailed statistics for the industry and individual companies compiled from reports submitted by common carriers in interstate commerce - financial, facility, operating and personnel data. Statistics are now compiled by U.S. Department of Energy but publishing plans have not been announced.

III. Directories

46. Brown's directory of North American and international gas companies; statistics of international gas distribution and pipeline companies for the year 19____. New York, Harcourt Brace Jovanovich. Annual.

Includes information on officers, number of employees, equipment (lines of pipe, number of stations, horsepower), amount and customers of gas sold, number of gas purchase contracts, and total gas produced and purchased.

47. Canadian oil industry directory. Tulsa, Oklahoma, Petroleum Publishing Company. Annual.

Section covering pipeline operators, as well as drilling contractors, gas processors, petrochemicals, etc. Gives company addresses and officers.

48. Canadian oil register. Calgary, Alberta, C.O. Nickle Publications. Annual.

Officers and summaries of lines in the "Pipeline Companies and Power Distributors" section in this directory of the Canadian energy industry.

49. Financial Post survey of energy resources; vital data on some 500 energy companies operating in Canada, including petroleum and natural gas, uranium, coal and hydro-electric power. . . Toronto, Maclean-Hunter. Annual.

Details on Canadian pipeline companies--operations, finance, personnel. Prior to 1978, it was published as Survey of Oils.

50. Ike Stemmer's personal directory of who's who in pipelining. Houston, Universal News Inc., 1978. 376p.

Covering the United States and Canada, this directory includes industry associations, governmental agencies, pipeline contractors and subcontractors, and pipeline companies.

51. Midwest Oil Register.
Directory of gas utility companies and pipeline contractors. Tulsa, Oklahoma. Annual.

Officials and lines of gas utility companies; services of pipeline contractors.

52. Midwest Oil Register.
Directory of pipeline companies and pipeline contractors. Tulsa, Oklahoma. Annual.

Alphabetic listing of U.S. and foreign pipeline contractors and companies and their officials. Data on type and length of lines.

53. Moody's public utility manual. New York, Moody's Investors Service. Annual.

History, management, business, company structure, properties, rates, contracts, reserves, operating statistics, income accounts, balance sheet, ratios, and debt for each gas pipeline included. Special section on industry includes material on regulation by state public utility commissions and regulation of interstate transmission.

54. Moody's transportation manual. New York, Moody's Investors Service. Annual.

Information for oil pipeline companies similar to that included in Moody's public utility manual for gas transmission companies. Special section on the industry presents a short summary of development, regulation, and current status of oil pipeline transportation.

55. Oil and gas international yearbook. London, Financial Times. Annual.

Companies in the production and transmission of oil; data on personnel, operations and finance. Includes transportation systems.

56. The whole world oil directory. Houston, Tradex Publications. Annual. 2 volumes.

Volume one covers oil and gas companies, drilling contractors, and a personnel index. Volume two covers equipment, services, refineries, transmission pipelines, and a company index.

57. Worldwide pipelines and contractors directory. Tulsa, Oklahoma, Petroleum Publishing Company. Annual.

"A complete listing of companies active in natural gas, crude oil and products pipeline operations, as well as firms with engineering/construction services available for such operations." Includes a listing of pipelines under construction.

IV. Periodicals

58. ASCE Proceedings. Transportation Engineering Journal. New York, American Society of Civil Engineers. Bi-monthly.

Technical and scholarly articles on construction, design, and economic aspects of pipeline transportation. Formed by merger of ASCE journals of the transport, highway and pipeline divisions in 1969.

59. Journal of Pipelines. New York, Elsevier Scientific Publishing Company. Quarterly.

Publication planned for the end of 1980. Will cover technical and economic aspects of freight pipelining. Editor is Dr. Iraj Zandi, Department of Civil Engineering, University of Pennsylvania, Philadelphia, Pennsylvania 19174.

60. NPN (National Petroleum News). New York, McGraw-Hill. Monthly.

Price information and articles on new products lines. National Petroleum News Factbook (mid-June issue) lists comparative statistics on products transportation, capacities and routes of products lines.

61. Oil and Gas Energy. Radnor, Pennsylvania, Chilton Company. Monthly.

General and current articles on the energy industry. Began publication as Energy Pipelines and Systems in 1925.

62. Oil and Gas Journal. Tulsa, Oklahoma, Petroleum Publishing Company. Weekly.

Articles of general interest on all segments of the petroleum industry. Has several special issues each year on the pipeline industry. Worldwide in scope. Began publication in 1902.

63. Oil Daily. Washington, D.C. Daily.

Called the "daily newspaper of the energy industries," the focus is on the United States. Frequently prints full texts of important speeches.

64. Oilweek. Calgary, Alberta, Maclean-Hunter. Weekly.

Emphasis on current news in the exploration, production, and construction areas of oil industry in Canada.

65. Petroleum Economist. London, Petroleum Press Bureau. Monthly.

General articles on all phases of petroleum and natural gas operations. Good sources for foreign developments. Prior to 1974, title was Petroleum Press Service.

66. Pipe Line Industry. Houston, Gulf Publishing Company. Monthly.

General articles of current interest to pipeline personnel.

67. Pipeline & Gas Journal. Dallas, Harcourt Brace & Jovanovich. Fourteen issues per year.

General articles and news of both domestic and international pipeline construction. A handbook issue and a special equipment issue are published in addition to the monthly issues. A continuation of American Gas Journal which merged with Pipeline Engineer of America in 1970.

68. Pipeline and Underground Utilities Construction. Houston, Oildom Publishing Company. Monthly.

Brief news items with several feature articles in each issue. An additional June issue is a directory of contractors.

69. Pipeline Digest. Houston, Universal News. Semi-monthly.

News items of interest to the pipeline industry covering planned construction and equipment.

70. Pipeline Management, Operation, Engineering and Gas Distribution News. Houston, Oildom Publishing Company. Seven issues per year.

Covers petroleum and natural gas industries. A directory issue which includes a list of all types of pipeline companies and an equipment buyers guide is published in addition to the bimonthly issues.

71. Platt's Oilgram News Service. New York, McGraw-Hill. Daily.

Coverage of international, United States and Canadian events in the oil industry as well as legislation that would impact it. Established in 1934.

V. Conferences (Proceedings)

72. American Gas Association.
Operating section proceedings. Arlington, Virginia. Annual.

Published for more than fifty years, the annual proceedings include technical papers presented at the AGA Distribution Conference and at the AGA Transmission Conference. Indexed annually as well as cumulative five year indexes.

73. American Institute of Mining, Metallurgical and Petroleum Engineers.
Council of Economics.
Proceedings. New York. Annual.

Papers presented at annual meetings including some on the transport of minerals, metals, and petroleum.

74. American Petroleum Institute.
API pipeline conference. Proceedings. Washington, D.C. Annual.

Economic and technical papers on pipelines presented at the annual conference.

75. American Petroleum Institute. Division of Transportation.
Annual pipeline conference. Washington, D.C., 1957-1973.
Annual.

Superseded by API pipeline conference. Conference papers prior to 1957 were included in the API proceedings.

76. American Society of Traffic and Transportation.
National conference and annual meeting. Chicago. Annual.

Collection of papers presented at annual conference.

77. British Hydromechanics Research Association.
Hydrotransport, international conference on the hydraulic transport of solids in pipes. Proceedings. Bedford, England. Biennial.

Technical papers presented at the biennial meetings.

78. International Symposium on Freight Pipelines, Washington, D.C., 1976.

Symposium sponsored by the Civil Engineering Department of the University of Pennsylvania and the U.S. Department of Transportation. Plans are being made to publish the papers that were presented during the three day conference.

79. Interpipe, International Pipeline Technology Convention.
Proceedings. Houston, Industrial Presentations, Inc. Annual.

Convention sponsored by group of trade associations covering technical papers on on and off-shore pipeline operations and construction.

80. National Association of Railroad and Utilities Commissioners.
Proceedings. Washington, D.C. Annual.

Committee reports and addresses presented at the annual convention.

81. Oil pipelines and public policy; analysis of proposals for industry reform and reorganization. Washington, D.C., American Enterprise Institute, 1979. 392p.

Papers presented at a conference covering structural issues, effectiveness of government regulation, and alternatives to the present regulated system within the petroleum industry.

82. An overview of the Alaska Highway Gas Pipeline: the world's largest project. Papers presented at the ASCE national convention in Pittsburgh, April 1978. New York, American Society of Civil Engineers, 1978. 130p.

Papers covering technical aspects, economics, impacts on Alaska, federal regulations, and lessons learned from the Trans-Alaska Pipeline project.

83. Pipeline Operation and Maintenance Institute.
Papers. Annual.

Annual convention held each November sponsored by University of Kansas. Although formal proceedings are not published, papers are available from Linda Troup, Department of Conferences, Division of Continuing Education, University of Kansas, Lawrence, Kansas 66045.

84. Pipelines in adverse environments, a state of the art.
Proceedings of the ASCE Pipeline Division Specialty Conference. New York, American Society of Civil Engineers, 1979. 2 volumes.

Design, routing, construction, operations, and inspection of pipelines in the oceans, the Arctic, and the desert. Covers problems of mudslides, permafrost, storms, earthquakes, etc. Technical papers, many with references.

85. Slurry Transport Association.
International technical conference on slurry transportation. Proceedings. Washington, D.C. Annual.

Proceedings published by one of the co-sponsors of the annual conference.

86. Transportation Research Forum.
Proceedings--annual meeting. Oxford, Indiana, Richard B. Cross. Annual.

Papers on various aspects of transportation presented at annual meeting.

87. World Gas Conference.
Proceedings. Paris, International Gas Union. Triennial.

A multi-volumed set that covers the technical and economic papers presented by some 200 committees. Material on pipelining is scattered through the set.

88. World Petroleum Congress.
Proceedings. Irregular.

Proceedings published by the Congress. Section on transportation and distribution with information on new developments and economic aspects of the pipeline industry.

VI. Indexing and Abstracting Services, Databases

89. API abstracts/literature. New York, American Petroleum Institute. Weekly.

"Transportation and Storage," one of six sections, covers water, rail, truck, and pipeline transport and storage. Indexes periodicals, proceedings, and government publications. International in scope. Monthly subject indexes, semi-annual cumulations.

90. APILIT. Central Abstracting and Indexing Service of the American Petroleum Institute. Updated monthly. 1964 to date. Vendor: SDC.

Literature relating to petroleum refining and petrochemical industry, including scientific and technical developments and engineering work. Source documents include trade magazines, technical journals, conference papers, and government reports. Derived from API abstracts/literature. Approximately 18,000 records per year of coverage.

91. Applied science and technology index. New York, H.W. Wilson. Monthly with quarterly and annual cumulations.

Indexes articles, usually technical, in issues of magazines on industry and applied science.

92. Business periodicals index. New York, H.W. Wilson. Monthly with quarterly and annual cumulations.

Indexes articles on pipelines in issues of magazines covering the fields of business, finance and management.

93. COMPENDEX. Engineering Index. Updated monthly. 1970 to date. Vendor: SDC, Lockheed.

World's significant engineering literature from approximately 1,500 serials and over 900 monographic publications. Fields of engineering covered include transportation, ocean and underwater technology, petroleum engineering, and fluid flow. Approximately 84,000 records per year of coverage.

94. Current literature in traffic and transportation. Evanston, Illinois, Transportation Center Library, Northwestern University. Monthly.

Indexes monographs, serials and periodical articles pertaining to pipeline transportation.

95. Energy information data base of the DOE/RECON Information System. Oak Ridge, Tennessee, Technical Information Center, U.S. Department of Energy. Updated bimonthly. 1974 to date. Vendor: BRS, SDC, Lockheed. Not yet operative on a commercial basis.

This portion of the DOE/RECON data base which has previously been available only to government contractors will become available through commercial vendors by late 1980. It covers all energy information with an emphasis on coal including pipeline transport of coal and coal products. Information pertaining to coal from the 1930s and 1940s is also included. There are approximately 600,000 items in the file.

96. ENERGYLINE. Environment Information Center. Updated bimonthly. 1971 to date. Vendor: SDC, Lockheed.

Screens over 1,000 journals and research reports, surveys, hearings, irregular serials, monographs, and conference proceedings to provide comprehensive coverage of some twenty different energy related areas, including petroleum and natural gas resources, coal resources, fuel transport and storage, industrial, transportation, and residential consumption. About 4,800 records per year of coverage.

97. Engineering index. New York, Engineering Index. Monthly.

Covers technical publications of organizations, universities, governments, and periodical articles. Annotated. Good for foreign coverage.

98. International petroleum abstracts. London, Heyden & Son. Quarterly.

Covers petroleum literature concerning oilfield exploration and development, refining, economics, production, transport and storage, etc. Includes coverage in irregular publications and sources not specifically petroleum oriented. Author index in each issue with subject index in last issue of volume.

99. NTIS. National Technical Information Service. Updated biweekly. 1970 to date. Vendor: SDC, Lockheed, BRS.

U.S. government-sponsored research and development technical reports from over 200 federal agencies, some reprints, federally-sponsored translations, and foreign language reports in areas of major technical interest. Includes transportation and civil and marine engineering. Approximately 60,000 records per year of coverage.

100. P/E NEWS. Central Abstracting and Indexing Service of the American Petroleum Institute. Updated weekly. 1975 to date. Vendor: SDC.

Includes references to articles from major suppliers of petroleum and energy business news: Middle East Economic Survey, Oil Daily, Oil and Gas Journal, Petroleum Economist, Petroleum Intelligence Weekly, Platts Oilgram News Service, and National Petroleum News. Beginning in 1979, the file contains references to additional sources from APILIT. Derived from Petroleum/energy business news index. Approximately 26,000 records per year of coverage.

101. Petroleum abstracts. Tulsa, Oklahoma, University of Tulsa. Weekly with annual cumulations.

Reviews technical publications, patents, articles, and conference literature in areas of exploration, production, development, and transportation.

102. Petroleum/energy business news index. New York, American Petroleum Institute. Monthly with annual cumulations.

Index of seven publications arranged alphabetically by keyword or phrase. Extensive use of cross references. Also covers staff appointments, promotions, and changes of assignment for energy company personnel.

103. Transportation. Springfield, Virginia, NTIS. Weekly.

Abstracts of technical reports sponsored by federal agencies. Includes translations of foreign technology and some reports available from outside agencies. Annual subject index.

104. TRIS. Transportation Research Board and U.S. Department of Transportation. Updated monthly. 1968 to date. Vendor: Lockheed.

Covers all modes (including pipeline) of transportation and many aspects, including analytical techniques, construction methods, safety, economics, energy, and environmental and social effects. Contains descriptions of on-going or recently completed research projects conducted or sponsored by DOT. Approximately 145,000 records were in the database when it went on line in January 1980.

105. TULSA. Information Services Division, University of Tulsa. Updated monthly. 1965 to date. Vendor: SDC.

Worldwide literature on exploration, development and production of petroleum resources including geology, well drilling, production statistics, and transportation and storage. Corresponds to coverage in Petroleum abstracts. Approximately 18,000 records per year of coverage.

VII. Library Accessions Lists

106. Current literature in traffic and transportation. Evanston, Illinois, Transportation Library, Northwestern University. Monthly.

Subject arrangement of recent acquisitions and journal articles on all modes of transportation.

107. Selected library acquisitions. Washington, D.C., U.S. Department of Transportation Library. Monthly.

Monthly acquisitions list covering all modes of transportation.

108. Selected list of recent acquisitions of the Transportation Library. Berkeley, Institute of Transportation Studies, University of California. Monthly.

Photoreproduction of catalog cards for both monographs and journal articles, arranged by principal subject heading and covering all modes.

VIII. Dictionaries and Glossaries

109. Association of Oil Pipe Lines.
Glossary of terms used in the oil pipeline industry. Washington, D.C. 9p.

Definitions of sixty-two technical terms and abbreviations.

110. Langenkamp, R. D.
Handbook of oil industry terms and phrases. Tulsa, Oklahoma, Petroleum Publishing Company, 1974. 151p.

Industry terminology and slang in concise non-technical definitions. "All entries were checked against authoritative references and with operating oil men in the field to assure that definitions and explanations were correct."

111. The pipeline glossary and directory. Edited by C. D. Shann. Beaconsfield, England, Scientific Surveys, Ltd. 1978. 123p.

"The first attempt to define within the pages of a single publication all the terms relevant to transmission, distribution and storage which are commonly used in the gas, oil, water and drainage industries." Also includes lists of applicable standards, codes, and organizations relevant to the pipeline industry.

112. University of Texas. Petroleum Extension Service.
A dictionary of petroleum terms. Austin, 1976. 145p.

Definitions of petroleum industry terminology including pipe line operations, drilling, and off shore technology. Italicized words appearing in one definition are defined elsewhere in the text.

113. Whitehead, Harry.
An A-Z of offshore oil and gas; an illustrated international glossary and reference guide to the offshore oil and gas industries and their technology. London, Kogan Page, 1976. 339p.

A glossary of technical terms - includes many appendices plus maps showing areas of exploration.

IX. Bibliographies

114. Bowie, George L. and Robert L. Weigel.
Marine pipelines: an annotated bibliography. Miscellaneous Report 77-2. Ft. Belvoir, Virginia, U.S. Coastal Engineering Research Center, 1977. 61p. (Also available from NTIS).

More than 200 annotations covering design, construction, operation, and maintenance of pipelines in oceans and rivers. Problems encountered in installation and repair of pipelines are discussed.

115. Cook, Earleen H. and Joseph Lee Cook.
Coal slurry lines: a bibliography, 1967-1977. Exchange Bibliography 1554. Monticello, Illinois, Council of Planning Librarians, 1978. 13p.

Almost 200 citations from general news and industry periodicals. Some government publications and reports included.

116. Davis, Bob J.
An annotated pipe line bibliography. Second edition. Washington, D.C., Association of Oil Pipe Lines, 1977. 21p.

Includes a lengthy section on pipeline films, most of which are available on a loan-free basis.

117. Habercom, Guy E., Jr.
Offshore pipelines (citations from the NTIS Database). Published search. Springfield, Virginia, NTIS, 1980. 117p.

Bibliography with over 100 citations covering construction, technical analysis, utilization, economic benefits, and environmental aspects of offshore pipelines.

118. Hundemann, Audrey S.
Materials handling by slurry pipelines (citations from the Engineering Index Database). Published search. Springfield, Virginia, NTIS, 1979. 241p.

Bibliography containing 241 abstracts on use of slurry pipelines for coal, minerals, ores, and wastes. Also covers design and engineering for underground and underwater pipelines. Covers period 1970 through 1979.

119. Hundemann, Audrey S.
Materials handling by slurry pipelines (citations from the NTIS Database). Published search. Springfield, Virginia, NTIS, 1979. 147p.

Companion bibliography to previous citation. Majority of studies are energy related. Covers period 1964 through July 1979.

120. Messick, Carl.
Pipeline construction in cold regions (the Russian literature)--a bibliography. U.S. Department of the Interior Bibliography Series No. 23. Springfield, Virginia, NTIS, 1970, 126p.

600 citations to Russian material published between 1950 and 1969 concerning all aspects of pipeline construction in cold regions. Divided into broad sections such as planning, designing for seismic stability, pipelines crossing rivers and swamps, equipment, earth-work, etc. Titles are translated into English.

121. Slurry Transport Association.
Slurry transportation bibliography. Washington, D.C., 1977. 41p.

More than 1000 citations covering materials of all types--coal, iron ore, pulp and wood chips, cement, sand and gravel, and waste--that could move in a slurry. Arranged alphabetically by title within each section.

122. Swanson, E.B.
A century of oil and gas in books, a descriptive bibliography. New York, Appleton-Century-Crofts, 1960. 214p.

Bibliography sponsored by the American Petroleum Institute on all aspects of the petroleum industry. The short bibliography on pipe lines includes sources of current and historical interest. Annotations to the material in other sections of the compilation refer to information on pipe lines. For the most part, government publications are not included.

123. Texas A&M University. Department of Civil Engineering
A bibliography of offshore pipeline literature. Prepared for U.S. National Oceanic and Atmospheric Administration. Springfield,Virginia, NTIS, 1973. 126p.

A collection of 464 references to literature pertaining to offshore pipelines. Bibliography is divided into three sections-the first consists of key-word arrangement with article titles and codes for author; the second is alpha arrangement by author; and the third is arranged by numerical sequence giving full bibliographic citation.

124. Thornton, Wendy A.
The hydraulic transport of solids in pipes; a bibligraphy. Cranfield, England, British Hydromechanics Association, 1970. 137p.

More than 1000 citations on pipeline transport which were published between 1950 and 1970. Arrangement is by subject and chronologically by publication date.

125. Vita, Susan H.
Pipeline construction in cold regions (excluding the Russian literature) - a bibliography. U.S. Department of the Interior Bibliography Series No. 21. Springfield, Virginia, NTIS, 1971. 92p.

Over 500 citations to material published between 1950 and 1970 relating to problems of constructing pipelines (oil, gas, water, or sewer) in Arctic regions. Covers the engineering and environmental problems in citations from many conference proceedings and foreign literature.

X. Maps

126. American Petroleum Institute.
API petroleum pipeline maps. Ninth edition. Washington, D.C., 1979.

Set of six maps covering United States (excluding Alaska and Hawaii) and part of Canada. Three maps show crude oil pipelines and related facilities and the other three show products pipelines. They also have information on line sizes, ownership, pump stations, terminals, LPG underground storage, refineries and their capacities, gas plants, oil fields, etc. Each section measures 3 1/2 feet by 8 feet.

127. Canadian Imperial Bank of Commerce. Petroleum and Natural Gas Department.
Canadian Petroleum Highlights, 19___. Calgary, Alberta. Annual.

Map shows abandoned and producing oil and gas wells, oil and gas fields, and both operating and proposed pipelines. Size is 27 inches by 39 inches.

128. Oil and Gas Journal.
Crude oil pipelines in the United States and Canada. Tulsa, Oklahoma, Petroleum Publishing Company, 1979.

129. Oil and Gas Journal.
Natural gas pipelines in the United States and Canada. Tulsa, Oklahoma, Petroleum Publishing Company, 1980.

130. Oil and Gas Journal.
Products pipelines in the United States and Canada. Tulsa, Oklahoma, Petroleum Publishing Company, 1978.

Oil and gas fields, pump stations, terminals, interconnections, refineries, operators, and capacity are included. Pipelines are color coded for identification. States, provinces, and counties are outlined. Sizes are 40 inches by 57 inches.

131. U.S. Library of Congress. Congressional Research Service.
National energy transportation. Report accompanied by maps prepared by the U.S. Geological Survey and Congressional Research Service. Washington, D.C., Government Printing Office, 1977.

Set of nineteen maps including ones that show natural gas pipelines, crude oil pipelines, petroleum products pipelines, and pipeline transportation systems. Sizes are 19 inches by 28 inches.

XI. U.S. Government Agencies and Congressional Hearings

Congressional hearings and reports by federal agencies are issued on many subjects and often overlap in their focus on an issue. They frequently contain very current information and charts and graphs that are not easily found in other sources. The following, for example, on the subject of Alaska natural gas transportation, are representative of what could be found on the Trans-Alaska Pipeline, coal slurry pipelines, and, to some extent, off shore pipeline operations.

132. Council on Environmental Quality.
Report to the President on environmental impacts of proposed Alaska gas transportation corridors. Washington, D.C., 1977. 63p.

133. U.S. Bureau of Mines. Alaska Field Operations Center.
Impact of natural gas pipeline on mineral and energy development in Alaska. Springfield, Virginia, NTIS, 1975. 282p.

134. U.S. Congress. House. Committee on Interior and Insular Affairs. Subcommittee on Indian Affairs and Public Lands.
Transportation of Alaskan natural gas. Part II. Oversight hearings. Washington, D.C., Government Printing Office, 1977. 535p.

135. U.S. Congress. House. Committee on Interior and Insular Affairs. Subcommittee on Public Lands.
Alaska Natural Gas Transportation Act. Part II. Washington, D.C., Government Printing Office, 1977. 498p.

136. U.S. Congress. House. Committee on Interior and Insular Affairs. Subcommittee on Public Lands.
Alaska natural gas transportation system. Hearings.
Washington, D.C., Government Printing Office, 1976. 340p.

137. U.S. Congress. House. Committee on Interior and Insular Affairs. Subcommittee on Public Lands.
Oil and natural gas pipeline rights-of-way. Hearings. Washington, D.C., Government Printing Office, 1973. 3 volumes.

138. U.S. Congress. House. Committee on Interstate and Foreign Commerce. Subcommittee on Energy and Power.
Alaskan natural gas transportation. Hearings. Washington, D.C., Government Printing Office, 1976. 719p.

139. U.S. Congress. House. Committee on Interstate and Foreign Commerce. Subcommittee on Energy and Power.
Natural gas pipeline from Alaska. Washington, D.C., Government Printing Office, 1978. 554p.

140. U.S. Congress. House. Committee on Interstate and Foreign Commerce. Subcommittee on Energy and Power.
U.S. industry participation in construction of the Alaskan natural gas pipeline. Hearings. Washington, D.C., Government Printing Office, 1978. 141p.

141. U.S Congress. Joint Economic Committee.
Natural gas regulation and the trans-Alaska pipeline. Hearings. Washington, D.C., Government Printing Office, 1972. 448p.

142. U.S. Congress. Senate. Committee on Energy and Natural Resources.
Alaska natural gas transportation system. Hearings. Washington, D.C., Government Printing Office, 1977. 868p.

143. U.S. Congress. Senate. Committee on Foreign Relations.
Agreement with Canada concerning transit pipelines. Hearings. Washington, D.C., Government Printing Office, 1977. 98p.

144. U.S. Congress. Senate. Committee on Interior and Insular Affairs.
The transportation of Alaskan natural gas. Hearings. Washington, D.C., Government Printing Office, 1976. 2 volumes.

145. U.S. Department of the Interior.
Alaska natural gas transportation system. Final environmental impact statement. Washington, D.C., Government Printing Office, 1976. [illegible] volumes.

146. U.S. Federal Energy Regulatory Commission.
Comments on the "Decision and report to Congress on the Alaska natural gas transportation system" issued by the President, September 22, 1977. Washington, D.C., 1977. 75p.

147. U.S. Federal Power Commission.
Alaska natural gas transportation systems. Final environmental impact statement. Washington, D.C., 1976. 7 volumes.

148. U.S. Federal Power Commission.
Environmental assessment: Taylor Highway-Klondike Highway realignment, Alcan pipeline project. Washington, D.C., 1977. 72p.

149. U.S. General Accounting Office.
Issues relating to the proposed Alaska Highway Gas Pipeline Project. Washington, D.C., 1979. 143p.

150. U.S. Interagency Task Force on Environmental Issues.
Alaska natural gas transportation system. Washington, D.C., 1977. 148p.

151. U.S. Office of the President.
Decision and report to Congress on the Alaska natural gas transportation system. Washington, D.C., Government Printing Office, 1977. 271p.

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HIGHWAYS

by

Barbara Russo

Librarian

Washington State Department
of Transportation

Olympia, Washington

October 1980

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Introduction

As a revised edition of the Highways section of the "Sources", this list attempts to follow the excellent example provided by Beverly Hickok, then as now, the Librarian for the Institute of Transportation Studies, University of California, Berkeley. Though interdisciplinary, the bibliography is heavily weighted on the side of engineering, as most of the men and women who design, construct, maintain, operate and administer the nation's highways are civil engineers.

Content throughout, is English; those foreign publications which are included represent Australia, Canada, England and the Organization for Economic Cooperation and Development. Reports issued by the U.S. Federal Highway Administration and the Transportation Research Board represent a high percentage of the citations included.

I. Basic References

General

1. American Association of State Highway Officials.
   The first fifty years, 1914-1964. Wash., D.C., 1965. 379 p.

   The 50 year history of the organization of state highway administrators is an account of the men and the policies that shaped the U.S. road system. Table of Contents serves as index.

2. Hindley, Geoffrey.
   A history of roads. London, P. Davies, 1971. 158 p.

   Social history of the world's roads and their traffic.

3. Labatut, Jean.
   Highways in our national life; a symposium. New York, Arno Press, 1972. [c1950] 506 p.

   The first nine historical essays portray the development of the world's roads. Selected references for each essay. Speech material. Remainder of volume dated.

4. Levine, Harvey A.
   National transportation policy : a study of studies. Lexington, Mass., Lexington Books, 1978. 185 p.

   Appendices list twelve major transportation studies, including issues and recommendations. Details Congressional hearings on transportation 1887-1976; many basic to highway development.

5. Rae, John Bell.
   The road and the car in American life. Cambridge, Mass., MIT Press,

Pages 224, 225, 226 are blank.

1971. 390 p.

Funded in part by the Automobile Manufacturers Association; a well documented account of the automobile's role in the social and economic history of America.

6. Rose, Albert Chatellier.
Historic American roads : from frontier trails to superhighways.
New York, Crown Publishers, 1976. 118 p.

Useful reference for questions on route of Boston Post Road, Oregon Trail etc... by a former historian for the Bureau of Public Roads.

7. Sears, Stephen W.
The American Heritage history of the automobile in America. New York, American Heritage Pub. Co., 1977. 352 p.

Good index makes it easy to identify men and vehicles. Excellent illustrations.

8. U.S. Congress. House. Committee on Public Works.
Benefits of interstate highways. Wash., D.C., GPO, 1970. 28 p.
(Committee Print 91-41)

Concise information on user benefits, travel time, operating costs, accident reduction, traffic and goods movements. Also discusses general economic and community benefits, land use, accessibility and value, industrial and commercial effects, nonwork opportunities, new towns and economic growth.

9. U.S. Federal Highway Administration.
America's highways, 1776-1976 : a history of the Federal-aid program.
Wash., D.C., GPO, 1977. 553 p.

Authoritativehistory of roads from Colonial days to the enactment of the Federal-aid Highway Act of 1956. Part II "deals... with administration, planning and research, design, construction and maintenance of highways and bridges... as authorized under Federal highway legislation". Contains bibliographical information on key individuals and tables of highway related legislation.

10. Wixom, Charles W.
ARBA pictorial history of roadbuilding. Wash., D.C., American Road Builders Association, 1975. 207 p.

Drawings and pictures of early road building equipment, materials used, vehicles and roads.

Highway Administration

11. American Association of State Highway and Transportation Officials.
Organization charts of state highway and transportation departments : an informational report. Wash., D.C., 1979. 66 p.

Published irregularly (by HRB in 1953 and 1960) 1969, 70, 72, 74, 76 by AASHTO; it traces growth and change as many highway departments became transportation departments.

12. Dearing, Charles Lee.
American highway policy. New York, Arno Press, 1978. [c1942] 286 p.

Pre WW II classic on the history and development of U.S. roads; their management and financing. Appendix A - a history of the good roads movement 1880-1916.

13. Rose, Mark H.
Interstate : express highway politics, 1941-1956. Lawrence, Regents Press of Kansas, 1979. 169 p.

Historical analysis of special interest groups uniting on a program of accelerated road construction resulting in the Interstate Highway Act of 1956.

14. Selected studies in highway law. Wash., D.C., Transportation Research Board, 1976- loose-leaf.

A compilation of condemnation, contract, environmental law etc... as it relates to practicing highway legal counsel.

15. Transportation Research Board.
Staffing and management for social, economic, and environmental impact assessments. Wash., D.C., 1977. 43 p. (NCHRP Synthesis of Highway Practice no. 40)

A survey of state highway departments responses to the need for interdisciplinary staff in meeting increasing requrements for social, economic and environmental expertise.

16. Transportation Research Board.
State resources for financing transportation programs. Wash., D.C., 1979. 34 p. (NCHRP Synthesis of Highway Practice no. 62)

A synthesis of a number of state highway departments experiences in dealing with the crisis in transportation financing.

17. U.S. Congress. House.
Title 23, U.S. Code, "Highways"; report of the Committee on Public Works... Wash., D.C., GPO, 1980. 101 p. (Committee Print 96-37)

Laws that govern the Federal Highway program.

18. U.S. Federal Highway Administration.
The expected impact of the National Energy Plan on the Federal-aid highway program. Wash., D.C., 1977. 50 p.

Background study on the still emerging energy problem and its relation to the Federal-aid highway program to 1985. Issues raised still relevant.

19. U.S. Federal Highway Administration.
Federal-aid highway program manual. Wash., D.C., 1973- loose-leaf.

Contains all FHWA program directives impacting on State highway departments and all program directives relative to administration of the direct Federal Construction Program.

20. U.S. Laws, Statutes, etc.
Federal laws and material relating to the federal highway administration. Wash., D.C., GPO, 1976. v.p.

Subject index useful in locating and identifying specific highway law.

21. U.S. Office of the Federal Register.
Code of federal regulations : Title 23 - Highways. Wash., D.C., GPO. annual.

Regulations of the National Highway Traffic Safety Administration and the Federal Highway Administration.

Highway Economics

22. Albert, William.
The turnpike road system in England, 1663-1840. Cambridge, (Eng.) University Press, 1972. 300 p.

An economic analysis of the development and financing of the turnpike system before and during the Industrial Revolution.

23. Bhatt, Kiran U.
An analysis of road expenditures and payments by vehicle class (1956-1975). Wash., D.C., Urban Institute, 1977. 282 p.

Part I - cost accounting for roads; analysis of expenditures for roads and payments by road users. Part II - defines classes of road users and develops procedures for cost responsibility. Funding support from Association of American Railroads; should be used with "Congressional intent and road user payments".

24. Bhatt, Kiran U.
Congressional intent and road user payments. Wash., D.C., Urban Institute, 1977. 97 p.

Part I - an examination of "fair" share financing for roads. Part II - consider's revised charging system. Appendices consider indirect costs and benefits associated with highways. Funding support from Association of American Railroads. To be used with " Analysis of road expenditures"...

25. D iute, Robert James.
Economic highway planning; relating economic analysis to sufficiency rating. West Trenton, N.J., Chandler-Davis Pub. Co., 1970. 129 p.

Presents a range of alternatives relating economic analysis to highway sufficiency rating.

26. Enns, John H.
The response of State highway expenditures and revenues to Federal grants-in-aid. Santa Monica, Ca., Rand, 1974. 64 p.

"Develops an econometric model capable of predicting the impact of federal aid, in matching and nonmatching form, or state fiscal decisions concerning the provision of highway services".

27. Haritos, Z.
Rational road pricing policies in Canada. Ottawa, Canadian Transport Commission, 1973. 182 p.

A two part study designed to develop recommendations to improve Canada's road pricing policies. Appendix I is a brief history of Canadian roads including expenditures 1919-1968. Appendix II has data on road costs and revenues for Canada and each of the provinces 1955-1968. Bibliography p. 127-132.

28. Harris, Curtis C.
Regional economic effects of alternative highway systems. Cambridge, Mass., Ballinger Pub. Co., 1974. 344 p.

Uses the multi-regional, multi-industry forecasting model not only to measure present effects but to evaluate planned hypothetical alternative highway systems.

29. Highway Research Board.
Changes in legal vehicle weights and dimensions; some economic effects on highways. Wash., D.C., 1973. 184 p. (NCHRP Report no. 141)

Basic information on truck sizes and weights, truck transport economics and state regulations on sizes and weights. With the energy shortage and continuing pressure for increased weight limits this report provides a model for estimating benefits and disbenefits of proposed changes.

30. Tak, Herman G. van der.
The economic benefits of road transport projects. Baltimore, Johns Hopkins Press, 1971. 42 p.

Social surplus method of benefit evaluation as applied to road projects.

31. U.S. Congressional Budget Office.
Highway assistance programs : a historical perspective. Wash., D.C., GPO, 1978. 86 p.

Legislative history of federal support for highways, particularly since 1956. Good summary.

32. U.S. Dept. of Transportation.
Interstate resurfacing, restoration, and rehabilitation study : report of the Secretary of Transportation to the United States

Congress. Wash., D.C., GPO, 1977. 67 p.

Background paper on the need for Federal assistance for R-R-R.

33. U.S. Federal Highway Administration.
Road user and property taxes on selected motor vehicles. Wash., D.C., GPO, 1973. 68 p.

Useful information on comparative taxes paid by type of vehicle. Prior issues published in 1950, 1953, 1956, 1960, 1964, 1968 and 1970.

34. Winfrey, Robley.
Economic analysis for highways. Scranton, Pa., International Textbook Co., 1969. 923 p.

Still the basic text on highway economics.

Highway Engineering

35. American Association of State Highway and Transportation Officials.
Standard specifications for highway bridges. 12th ed. Wash., D.C., 1977. loose-leaf.

The first edition was published in 1931 with subsequent editions in 1935, 1941, 1944, 1949, 1953, 1957, 1961, 1965, 1969 and 1973. Annual interim specifications are published; these standards then serve as minimum requirements consistent with current practice for ordinary highway bridges.

36. American Association of State Highway and Transportation Officials.
Standard specifications for transportation materials and methods of sampling and testing. 11th ed. Wash., D.C., 1978. 2 v.

Interim specifications published annually; a complete revision every 4 years. Part 1 includes specifications with cross references to identical ASTM standards. Part 2 includes methods of sampling and testing.

37. American Association of State Highway and Transportation Officials.
A policy on design of urban highways and arterial streets. Wash., D.C., 1974. 740 p.

A new Part I - Transportation Planning, and a new Part II - Highway Location, reflect increased awareness of the necessity for information on the urban planning process. Part III - updates the 1957 edition of design controls and values.

38. American Association of State Highway Officials.
An informational guide for roadway lighting. Wash., D.C., 1969. 22 p.

"Reflects current practice in roadway lighting... sections on rest area lighting and sign lighting".

39. American Concrete Institute.
    ACI manual of concrete practice. Detroit. annual.

    Contains most of the ACI specifications and current committee reports.

40. American Concrete Institute. Committee 318.
    Building code requirements for reinforced concrete. Detroit, 1978. 103 p. (ACI 318-77)

    Basic standard; often adopted by reference in a general building code.

41. American Concrete Institute. Committee 318.
    Commentary on building code requirements for reinforced concrete. Detroit, 1978. 132 p. (ACI 318-77)

    Background information on the code with guidance in meeting its requirements. Lists books and reports useful to the design engineer.

42. American Concrete Institute. Committee 315.
    Manual of standard practice for detailing reinforced concrete structures : adopted as a standard of the American Concrete Institue. 6th ed. Detroit, 1974. 167 p. (ACI 315-74)

    A manual presenting methods and standards in the preparation of drawings for reinforced concrete structures. Chapter 9; Typical drawings for highway structures.

43. American Institute of Steel Construction.
    Manual of steel construction. 7th ed. New York, 1970. v.p.

    Sections on "properties for designing" and "dimensions for detailing" are necessary tools for the design engineer. New edition in press.

44. American Society of Civil Engineers.
    Criteria for maintenance of multilane highways. New York, 1971. 19 p. (ASCE Manuals and Reports on Engineering Practice no. 53)

    Outlines standards of good maintenance and suggests methods of evaluating maintenance practices for multilane highways in the areas of physical maintenance and traffic services.

45. Baker, Robert Fulton.
    Handbook of highway engineering. New York, Van Nostrand Reinhold, 1975. 894 p.

    Broad overview of "principles, processes and data" written by experts in the various fields. The reference librarian will find this a useful starting point. Extensive references.

46. Barker, James M.
    Post-tensioned box girder bridge manual. Phoenix, Ariz., Post-Tensioning Institute, 1978. 146 p.

Design and construction information with design examples for the bridge engineer. Also information on anchorage stresses, tendon stressing and grouting procedures.

47. Bridge Engineering Conference, St. Louis, 1978. Proceedings. Wash., D.C., Transportation Research Board, 1978. 2 v. (Transportation Research Record nos. 664 and 665)

State-of-the-art papers on design, construction, rehabilitation and maintenance of vehicular bridges.

48. Chemical, polymer, and fiber additives for low maintenance highways. Park Ridge, N.J., Noyes Data Corp., 1979. 634 p.

Compilation of data on gussasphalt, asbestos asphalt, sulphur-modified asphalt, polymers, sealants, ceramics...

49. Claffey, Paul J.
Running costs of motor vehicles as affected by road design and traffic. Wash., D.C., Highway Research Board, 1971. 97 p. (NCHRP Report no. 111)

Basic data on fuel, oil, tire wear, maintenance, depreciation and accident costs. Provides information on the relationship between such costs and highway design elements.

50. Concrete Reinforcing Steel Institute.
CRSI handbook. 3d ed. Chicago, 1978. 922 p.

Design aids for beams; square, round and rectangular columns; one way slabs; and one way joint construction. Design examples are provided to show the basis for and the use of load tables.

51. Degenkolb, Oris H.
Concrete box girder bridges. Ames, Iowa State University Press, 1977. 106 p.

Standard text.

52. Derucher, Kenneth N.
The state-of-the-art, bridge protective systems and devices. "...completed under U.S.C.G. Contract CG-71955-A..." 1978? 320 p.

Details types of available fendering systems.

53. Gaylord, Edwin Henry.
Structural engineering handbook. 2d ed. New York, McGraw-Hill, 1979. 600 p. v.p.

Basic handbook for the design engineer.

54. Griffel, William.
Beam formulas. New York, F. Ungar Pub., Co., 1970. 168 p.

"Tabulated equations for beams... with ready-to-be-used formulas."

55. Guyon, Yves.
Limit-state design of prestressed concrete. 2 v. New York, Halsted Press Division, Wiley, 1972-1974.

Excellent design aid.

56. Haas, Ralph.
Pavement management systems. New York, McGraw-Hill, 1978. 457 p.

Basic information on flexible highway pavements, their design, evaluation, rehabilitation and management.

57. Handbook of steel drainage and highway construction products. 2d ed. New York, American Iron and Steel Institute, 1971. 348 p.

Basic design and applications data for hydraulics section staff. Products section includes information and warrants for guardrail and median barriers, bridge railings, luminaire supports, etc. Glossary.

58. Highway Research Board.
Highway capacity manual. Wash., D.C., 1965. 397 p. (Special Report no. 87)

Originally published in 1950, the 1965 edition is concerned with the traffic-carrying capabilities of all common types of highways and elements thereof. Currently under revision.

59. International Conference on Concrete Pavement Design, Purdue University, 1977. Proceedings. West Lafayette, Ind., Purdue University, 1977. 600 p.

State-of-the-art information on economical and practical aspects of portand cement concrete design; includes a major section on highway pavements and a unique paper on European concrete road standards and practices covering 12 countries.

60. Jumikis, Alfreds R.
Rock mechanics. Clausthal, Ger., Trans Tech Publications, 1979. 356 p.

Basic text by internationally known leader in the field.

61. Libby, James R.
Modern prestressed concrete highway bridge superstructures : design principles and construction methods. San Diego, Grantville Pub. Co., 1976. 254 p.

Text by major figure in the field.

62. Low cost roads : design, construction and maintenance. London, Butterworths, 1971. 158 p.

Planning, construction and maintenance guide for developing countries (tropical and subtropical)

63. McGraw-Hill's Dodge guide to public works and heavy construction costs. New York, McGraw-Hill. annual.

Current cost information.

64. Meyer, Carl F.
Route surveying and design. 4th ed. Scranton, Pa., International Textbook Co., 1969. 636 p.

Standard text for field work and requisite calculations involved in planning and constructing a road.

65. Organization for Economic Cooperation and Development.
Road marking and delineation : a report. Wash., D.C., 1975. 156 p.

European and American experience with horizontal road markings, raised pavement markers and lateral delineators. Evaluates characteristics and materials.

66. OECD Symposium on Geometric Road Design Standards, Helsingor, Denmark, 1976. Proceedings. Paris, OECD, 1977. 210 p.

International consideration of the relationship between road design, safety, and traffic operation and maintenance. Session IV - Economic consequences of design standards is particularly useful.

67. Plowden, David.
Bridges : the spans of North America. New York, Viking Press, 1974. 328 p.

Specifics of famous American bridge structures.

68. Precast segmental box girder bridge manual. Glenview, Ill., Post-Tensioning Institute, 1978. 116 p.

Text. Techniques developed in post war Europe using precast concrete and the cast in place cantilever method of segmental bridge construction.

69. Prestressed Concrete Institute.
PCI design handbook : precast and prestressed concrete. 2d ed. Chicago, 1978. 369 p.

A working tool for the design engineer based on the latest ACI Building Code (ACI 318-77) including load tables, product information, design of components and connections.

70. Ramsey, Charles George.
Architectural graphic standards. 6th ed. New York, Wiley, 1970. 695 p.

"A source book and standard guide" for the entire building industry. Detailed index.

71. RILEM Symposium on Fibre Reinforced Cement and Concrete, 1975. Proceedings.

Lancaster, (Eng.), Construction Press, 1975. 459 p.

State-of-the-art symposium.

72. Rice, Paul F.
Structural design guide to the ACI building code. 2d ed. New York, Van Nostrand Reinhold Co., 1979. 470 p.

Written to complement the ACI Code and the Commentary. Useful aid to design engineers.

73. Rice, Paul F.
Structural design guide to AISC specifications for buildings. New York, Van Nostrand Reinhold Co., 1976. 360 p.

Useful aid to design engineers.

74. Roark, Raymond Jefferson.
Formulas for stress and strain. 5th ed. New York, McGraw-Hill, 1975. 624 p.

"Summary of the formulas, facts and principles pertaining to strength of materials". Ready-to-use design information.

75. S. A. E. handbook. New York, Society of Automotive Engineers. annual.

Includes SAE automotive standards.

76. Stephens, John Hall.
The Guinness book of structures : bridges, towers, dams. Enfield, Guinness Superlatives, 1976. 288 p.

Hard to find facts on bridges and tunnels.

77. Symposium on Earth Reinforcement, Pittsburgh, 1978. Proceedings.
New York, American Society of Civil Engineers, 1979. 900 p.

State-of-the-art papers on "recent advances in the uses of earth reinforcement in construction and for soil improvement".

78. Troitsky, M.S.
Cable-stayed bridges : theory and design. London, Crosby Lockwood Staples, 1977. 385 p.

Text on a unique bridge design method.

79. U.S. Federal Highway Administration.
Handbook of highway safety design and operating practices. Rev. Wash., D.C., GPO, 1978. 120 p.

Excellent educational reference for the nonengineer involved with highway policy at the city, county and state level. Basic, concise information with references for each chapter; ie, traffic barriers, signing, railroad grade crossings, lighting, etc...

80. U.S. Federal Highway Administration.
Standard specifications for construction of roads and bridges on Federal highway projects. Wash., D.C., GPO, 1979. 355 p. (FP-79)

Patterned after AASHTO specifications and "issued primarily for use in the construction of roads and bridges on Federal highway projects".

81. Waddell, Joseph J.
Concrete construction handbook. 2d ed. New York, McGraw-Hill, 1974. v.p.

Basic information on the uses of portland cement and concrete in the construction industry. A starting point for questions on materials, properties, and methods of concrete construction.

82. Winterkorn, Hans Friedrich.
Foundation engineering handbook. New York, Van Nostrand Reinhold, 1975. 751 p.

Practical handbook of applied soil mechanics written by 27 specialists. Chapters on soil stabilization, stability of earth slopes, sheet pile structures are very useful to highway engineers. References for each chapter.

83. Wright, P.H. and R.J. Paquette.
Highway engineering. 4th ed. New York, Wiley, 1979. 828 p.

Standard text including new chapters on driver, pedestrian, and vehicle characteristics; traffic characteristics; transportation planning; land acquisition; and traffic engineering and safety. It also treats such topics as economic and environmental impacts of highways, highway maintenance management, and the planning and design of terminals and facilities for cyclists and pedestrians.

84. Yoder, Eldon Joseph.
Principles of pavement design. 2d ed. New York, Wiley, 1975. 711 p.

Basic text on principles of design for both concrete and flexible pavements. Final section on pavement evaluation and rehabilitation. References for each chapter and good index.

Highway Environment

85. Alexandre, A.
Road traffic noise. New York, Wiley, 1975. 219 p.

Psychological, social, economic, political and engineering survey of the noise problem and what can be done to minimize its effects. English/European experience.

86. American Association of State Highway and Transportation Officials.
A design guide for wildlife protection and conservation for transportation facilities. Wash., D.C., 1976. 51 p.

An introductory guide for the highway professional to insure that appropriate procedures are incorporated into the design of new highways and modifications made to existing ones. Appendix A - Wildlife populations inventories; Appendix B - Wildlife habitat inventories. References and glossary included.

87. American Association of State Highway and Transportation Officials.
Guide on evaluation and attenuation of traffic noise. Wash., D.C., 1974. 48 p.

AASHTO initial effort to identify traffic generated noise and develop guidelines for its abatement through highway design procedures.

88. American Association of State Highway Officials.
A guide for highway landscape policy and design. Wash., D.C., 1970. 117 p.

Basic guide for designing, developing and maintaining the highway landscape and environment.

89. American Society of Civil Engineers.
Practical highway esthetics. New York, 1977. 79 p.

Engineering guidelines for improving the visual quality of new or reconstructed highways.

90. Antoniou, Jim.
Environmental management planning for traffic. New York, McGraw-Hill, 1971. 171 p.

Primarily concerned with traffic in towns; British.

91. Appleyard, Donald.
Liveable urban streets : managing auto traffic in neighborhoods. Wash., D.C., GPO, 1976. 451 p.

American version of efforts to manage automobile traffic in neighborhoods.

92. The end of the road : a citizen's guide to transportation problem solving. Wash., D.C., National Wildlife Federation, 1977. 159 p.

The National Wildlife Federation's guide to citizen participation in transportation planning. Appendix A - How to comment on an Environmental Impact Statement.

93. Floyd, Charles F.
Highway beautification : the environmental movement's greatest failure. Boulder, Colo., Westview Press, 1979. 183 p.

The fight against billboards. Bibliography includes case law citations and Congressional hearings and reports.

94. Great Britain. Ministry of Transport.
The appearance of bridges. 2d ed. London, H.M.S.O., 1969. 46 p.

Esthetics of bridge design. Illustrations.

95. Leedy, Daniel L.
Highway-wildlife relationships. Wash., D.C., Federal Highway Administration, 1975. 2 v. (FHWA-RD-76-4 and 5)

v. 1 - State-of-the-art.

v. 2 - Annotated bibliography. Wide ranging literature review of both the transportation and natural resources conservation fields.

96. Netherton, Ross De Witt.
Control of junkyards under the Highway beautification act : a comparative summary of Federal and State laws and regulations. Wash., D.C., Federal Highway Administration, 1975. 98 p.

Roadside esthetics and the law.

97. Robinson, John.
Highways and our environment. New York, McGraw-Hill, 1971. 340 p.

Documentary and pictorial review of effects of highways on our environment.

98. Symposium on Roads and the Urban Environment, Madrid, 1974. Proceedings. Wash., D.C., OECD Publications Center, 1975. 189 p.

Sessions on air and noise pollution; economic aspects, planning approaches, and potential measures for improvement.

99. Terry, Robert C.
Road salt, drinking water, and safety; improving public policy and practice. Cambridge, Mass., Ballinger Pub. Co., 1974. 161 p.

Case study of one state's (Massachusetts) concern over road salt levels in public water supplies; the ensuing debate and legislative action.

100. U.S. Code 1976 Title 23, Section 131, 136, 319. Highway Beautification Act of 1965, as ammended.

Legislation designed to control the proliferation of outdoor advertising signs; to provide for screening of junkyards and to provide funding for landscaping and the scenic enhancement of Federal-aid highways.

Highway Research

101. Great Britain. Department of Transport.
Transport and road research. London, H.M.S.O. annual.

Details the activities of the Transport and Road Research Laboratory with sections on highways and structures and traffic engineering and road safety. TRRL Reports and Supplementary Reports continue to be the foreign reports of most value.

102. Highway Research Board.
Getting research findings into practice. Wash., D.C., 1974. 24 p. (NCHRP Synthesis of Highway Practice no. 23)

A procedural guide designed to assist road organizations in the dissemination, evaluation and promotion of highway research.

103. International Road Federation.
World survey of current research and development on roads and road transport. Wash., D.C. annual.

The 1979 edition (14th annual) covers a total of 54 countries including the U.S. The only world-wide inventory of highway research.

104. National Cooperative Highway Research Program.
Summary of progress. Wash., D.C., Transportation Research Board. biennial.

Status report on highway research problems of national importance funded by AASHTO and FHWA in some 25 subject areas. Results published as NCHRP Reports no. 1, 1964-

105. U.S. Federal Highway Administration.
Federally coordinated program of highway research and development. Wash., D.C. annual.

The 1979 report (6th annual) presents a general picture of highway research and development activities. 1979 is the last of these annual reports; subsequent issues will be published biennally, the next to be available January 1982.

Traffic Engineering

106. Box, Paul C.
Manual of traffic engineering studies. 4th ed. Arlington, Va., Institute of Transportation Engineers, 1976. 233 p.

Basic text designed for the smaller community without a full time traffic engineer.

107. Gerlough, Daniel L.
Poisson and other distributions in traffic : the Poisson and other probability distributions in highway traffic. Saugatuck, Conn., Eno Foundation for Transportation, 1971. 134 p.

An Eno Foundation publication, basic to the art of the traffic engineer.

108. Greenshields, Bruce Douglas.
Statistics with applications to highway traffic analyses. 2d ed.

Westport, Conn., Eno Foundation for Transportation, 1978. 179 p.

Eno Foundation publication on statistical methods in traffic engineering.

109. Homburger, Wolfgang S.
Fundamentals of traffic engineering. 9th ed. Berkeley, Institute of Transportation Studies, University of California, 1977. 314 p.

The latest edition of a good general text for the traffic technician.

110. International Symposium on Traffic Control Systems, 1979. Proceedings. Berkeley, Ca., Regents of University of California, 1979. 2 v.

State-of-the-art papers on present and future control strategies in an era of increasing vehicle numbers and decreasing roads, streets, etc.

111. Pignataro, Louis J.
Traffic engineering : theory and practice. Englewood Cliffs, N.J., Prentice-Hall, 1973. 502 p.

Textbook especially useful for its index and bibliography.

112. Sessions, Gordon M.
Traffic devices : historical aspects thereof. Wash., D.C., Institute of Traffic Engineers, 1971. 149 p.

A delightful, but difficult book to use. No index.

113. Transportation and traffic engineering handbook. Englewood Cliffs, N.J., Prentice-Hall, 1976. 1080 p.

A publication of the Institute of Traffic Engineers. This is the basic reference tool of the traffic engineer. Good index, useful definitions. This edition has chapter on environmental considerations in traffic engineering. Earlier editions 1941-1965 published under the title: Traffic Engineering Handbook.

114. United Nations Conference on Road Traffic, Vienna, 1968. Final act. New York, United Nations, 1969. 169 p.

United Nations convention on road signs and signals. Appendix contains reproductions in color of foreign signs and symbols often difficult to locate.

115. U.S. Federal Highway Administration.
Manual on uniform traffic control devices for streets and highways. Wash., D.C., GPO, 1978. loose-leaf.

The national standards for all "signs, signals, markings, and devices placed on, over or adjacent to a street or highway by authority..."

116. U.S. Federal Highway Administration.
Standard highway signs; as specified in the Manual on Uniform Traffic

Control Devices 1978. Wash., D.C., GPO, 1979. loose-leaf.

"Detailed drawings of the standard highway signs prescribed by the MUTCD".

117. Witheford, David K.
Zoning, parking, and traffic. Saugatuck, Conn., Eno Foundation for Transportation, 1972. 196 p.

Basic information on planning and land use in urban areas. Tables and appendices provide detailed information on parking requirements for various activities.

Traffic Safety

118. American Automobile Association.
Digest of motor laws. Wash., D.C. annual.

"Information relating to the motor vehicle laws of the 50 states, U.S. territories and the provinces of Canada".

119. Baker, James Stannard.
Traffic accident investigation manual. Evanston, Ill., Traffic Institute, Northwestern University, 1975. 333 p.

Basic instruction manual designed to "guide traffic accident investigators in their work" and to be useful to administrators and supervisors in developing traffic accident investigation programs.

120. Baker, Robert Fulton.
The highway risk problem : policy issues in highway safety. New York, Wiley-Interscience, 1971. 175 p.

Because the vehicle, the driver and the highway will never be perfect, Baker, a former head of FHWA's R&D effort suggests curtailed mobility may be the most effective safety device. Also advances the case for electronic communication and control systems.

121. Center for Auto Safety.
The yellow book road : the failure of America's roadside safety program. Wash., D.C., 1974. 305 p.

Taking its title from the 1967 AASHO publication "Highway Design and Operational Practices Related to Highway Safety", the center study proclaims the nations roads "unsafe at any speed". Well documented.

122. Forbes, Theodore Watson, ed.
Human factors in highway traffic safety research. New York, Wiley-Interscience, 1972. 419 p.

A symposium on the human factors involved in the man/machine environment of traffic engineering.

123. International Skid Prevention Conference, 2d, Columbus, Ohio, 1977.
Proceedings. Wash., D.C., Transportation Research Board, 1977.
4 v. (TRB Record nos. 621-624)

BEST DOCUMENT AVAILABLE

State-of-the-art papers on tires and vehicles, pavement characteristics, wet weather accident exposure, human factors and legal aspects.

124. The law and roadside hazards. Charlottesville, Va., Michie Co., 1974. 591 p.

Comprehensive investigation by the Insurance Institute for Highway Safety of legal actions, federal and state, both administrative and judicial, taken against the problem of crash hazards along our roadways.

125. National Committee on Uniform Traffic Laws and Ordinances. Uniform vehicle code and model traffic ordinances. Rev. Wash., D.C., 1968. 284 p., 51 p. Supplement II, 1976. 83 p., 11 p.

The Code is a "specimen set of motor vehicle laws, designed... as a comprehensive guide... for state motor vehicle and traffic laws".

The MTO is a "specimen set of motor vehicle ordinances for a municipality and is consistent with the recommended state law embodied in the Uniform Vehicle Code".

126. Organization for Economic Cooperation and Development. Hazardous road locations : identification and counter measures. Wash., D.C., 1976. 108 p.

Basic inventory of European efforts to identify and eliminate hazardous road locations.

127. Organization for Economic Cooperation and Development. Manual on road safety campaigns. Wash., D.C., 1975. 46 p.

Guidelines for the preparation and design of a safety campaign and advice on how to measure the effectiveness of such campaigns.

128. U.S. Code 1976 Title 23, Section 401 et seq. Highway Safety Act of 1966, as ammended.

Landmark legislation requiring each state to have a highway safety program, "designed to reduce traffic accidents and deaths, injuries, and property damage resulting therefrom".

II. Statistical Sources

129. Oak Ridge National Laboratory. Transportation energy conservation data book. Edition 3. Oak Ridge, 1979. (ORNL-5493)

Baseline data on fleet sizes, energy intensities, travel characteristics, vehicle operating expenses...

130. U.S. Bureau of the Census. Census Bureau guide to transportation statistics. Wash., D.C., GPO, 1976. 88 p.

BEST DOCUMENT AVAILABLE

Details availability of published and unpublished reports from the 1972 Census of Transportation. Information on survey methods, data collection and sampling useful for the 1977 census (in publication).

131. U.S. Bureau of the Census.
Census of Transportation. 1963- Wash., D.C. every five years.

National Travel Survey data covers number of persons taking trips, number of trips taken, person trips, person miles, person nights etc. for auto/trucks. Truck Inventory and Use volume provides data on the physical and operational characteristics of the nation's truck population.

132. U.S. Federal Highway Administration.
Highway statistics. Wash., D.C., GPO. annual.

Detailed information on motor vehicle and driver licensing, fuel taxes and the highway trust fund and highway finance including a section on local road and street finance. Published annually since 1945.

133. U.S. Federal Highway Administration.
Highway statistics : summary to 1975. Wash., D.C., GPO, 1977. 286 p.

Prior summaries published in 1945, 1955 and 1965. Follows the outline of the annual Highway Statistics.

134. U.S. Federal Highway Administration.
Monthly motor gasoline reported by states. Wash., D.C. monthly.

"cumulative tabulation of gross gallons of gasoline reported by wholesale distributors in each state".

135. U.S. Federal Highway Administration.
Nationwide personal transportation study. Wash., D.C., 1972-1974.

Data collected in 1969-70 by the Bureau of the Census for the Federal Highway Administration designed to obtain information on national travel patterns. Reports published: 1. Automobile occupancy. 2. Annual miles of automobile travel. 3. Seasonal variations of automobile trips and travel. 4. Transportation characteristics of school children. 5. Availability of public transportation on shopping characteristics of SMSA households. 6. Characteristics of licensed drivers. 7. Household travel in the U.S. 8. Home-to-work trips and travel. 9. Mode of transportation and personal characteristics of trip makers. 10. Purposes of automobile trips and travel. 11. Automobile ownership.

136. U.S. Federal Highway Administration.
Price trends for federal-aid highway construction. Wash., D.C. quarterly.

"Six indicator items: common excavation... portland cement concrete pavement and bituminous concrete pavement...reinforcing steel, structural steel, and structural concrete..."

137. World road statistics. Wash., D.C., International Road Federation, annual.

Includes world-wide information on roads, traffic, fuels, accidents, taxation and expenditures.

Motor Vehicles

138. American Trucking Associations.
American trucking trends. Wash., D.C. annual.

Information on truck regulations, ton-miles, Class I, II, and III motor carriers, operating expenses, mileage, wages.

139. American Trucking Associations.
Truck taxes by state. Wash., D.C. annual.

Information by State on registrations, fees and taxes for all motor vehicles, and the truck percentage of the total user taxes paid.

140. Automotive news market data book issue. Detroit, Crain Automotive Group. annual.

Detailed information on production, imports, dealers, prices, product information (specifications of current models) and a directory section including a who's who in the auto industry, roster of automotive companies, associations...

141. Motor Vehicle Manufacturers Association.
MVMA motor vehicle facts and figures. Detroit. annual.

Since 1976 has combined Automobile Facts and Figures and Motor Truck Facts. Detailed sections on production and registrations, use and owners, and economic impact.

142. National Safety Council.
Accident facts. Chicago. annual.

Detailed section on motor vehicle accidents.

143. Recreational Vehicle Industry Association.
Facts and trends. Chantilly, Va. annual.

Information on travel trailers, camping trailers, truck campers motor homes, and pickup covers; sales, shipments, production.

144. U.S. Environmental Protection Agency.
Gas mileage guide. Wash., D.C. annual.

Relative fuel economy performance of cars, station wagons and light trucks.

145. U.S. Federal Highway Administration.
Accidents of motor carriers of passengers. Wash., D.C. annual.

BEST DOCUMENT AVAILABLE

Information derived from accident reports submitted by motor carriers of passengers operating in interstate and foreign commerce. Detailed information on the highway environment, the time and place, the driver and the vehicle and the accident itself.

146. U.S. Federal Highway Administration.
Cost of owning and operating automobiles and vans. Wash., D.C. title varies. irregular.

1979 edition is the seventh in a series beginning in 1950. Details ownership and operating costs for four typical vehicles (a standard size automobile, a compact, a sub-compact, and a passenger van).

147. U.S. Federal Highway Administration.
Fatal and injury accident rates on federal-aid and other highway systems. Wash., D.C. annual.

Accidents, rate of accidents classified by type of highway system; 8 classes defined in the 1977 edition.

148. U.S. International Trade Commission.
Automotive trade statistics. Series A: Motor vehicles. Series B: Passenger automobiles. Wash., D.C. annual.

"Tables of information on U.S. factory sales, imports, exports, apparent consumption, and bilateral trade balances for new passenger automobiles, truck chassis and cabs, motor buses, snowmobiles, miscellaneous motor vehicles and motor vehicle parts".

149. Ward's automotive yearbook. Detroit, Ward's Communications, Inc. annual.

Tables cover U.S. and worldwide auto and truck production. Sales, by price, engine size and model year. Section on U.S. automotive registrations.

150. World motor vehicle data. Detroit, Motor Vehicle Manufacturers Association. annual.

The 1979 edition contains data from 39 counties on production, exports and registrations. Extensive detail.

III. Directories

151. American Association of State Highway and Transportation Officials.
Reference book. Wash., D.C. annual.

Listed by state are the names, titles and telephone numbers of state dept. of transportation/highway officials. Also detailed listing of AASHTO committees and their members.

152. American Road and Transportation Builders.
Transportation officials and engineers directory. Wash., D.C. annual.

BEST DOCUMENT AVAILABLE

Similar to AASHTO directory. Used interchangeable, but minor differences make both essential references.

153. American Society of Civil Engineers.
Directory. New York. biennial.

Available to members only. Useful identification tool as most of the members of the "road gang" are civil engineers.

154. Institute of Transportation Engineers.
Directory. Wash., D.C. annual.

Again, useful identification tool.

155. Roads and Transportation Association of Canada.
Directory. Ottawa. annual.

Useful directory of transportation/highway officials in the federal government and in the provinces including name, title and telephone number. Has additional information on associations, consultants, contractors, etc..

156. Transportation Research Board.
Directory. Wash., D.C. annual.

Alphabetical listing of members (no telphone numbers). Also information on current technical activities and committee members involved. Lists TRB staff members and their assignments.

BEST DOCUMENT AVAILABLE

IV. Periodicals

157. AASHTO Quarterly. Wash., D.C., American Association of State Highway and Transportation Officials. quarterly.

Official organ of AASHTO. Contains news of state officials and their activities. Brief articles on highway subjects.

158. American Concrete Institute.
Journal. Detroit, The Institute. bimonthly.

Professional journal. Articles on concrete technology. Includes reports of ACI professional committees. Professional meetings calendar.

159. American Horticulturist. Alexandria, Va., American Horticulturist Society. quarterly.

Articles of interest to the landscape architect.

160. American Nurseryman. Chicago, American Nurseryman Pub. Co. semi-monthly.

Articles of interest to the landscape architect. Annual American Association of Nurserymen convention issue.

161. American Society of Civil Engineers. Geotechnical Engineering Division. Journal. New York, The Society. monthly.

Professional journal. Articles of interest to soil and foundation engineers.

162. American Society of Civil Engineers. Structural Division. Journal. New York, The Society. monthly.

Professional journal. Useful articles for bridge design engineers.

163. American Transportation Builder. Wash., D.C., American Road and Transportation Builders Association. bimonthly.

Brief articles; now multi-model. Concentrates on the Washington political scene.

164. Arizona Highways. Phoenix, Arizona Dept. of Transportation. monthly.

The beautiful one; outstanding photography.

165. Australian Road Research. Melbourne, Australian Road Research Board. quarterly.

Articles on road and road transport research in Australia.

166. Automotive Engineering. Warrendale, Pa., Society of Automotive Engineers. monthly.

Articles on advances in materials, components and products in the automotive industry.

167. Automotive News. Detroit, Crain Automotive Group. weekly.

The newspaper of the automobile industry. Annual Market Data Book (included in Statistics section).

168. Better Roads. Chicago, Ill., William O. Dannhausen. monthly.

Brief articles of interest to highway officials. Watchdog of the political scene at both state and national levels.

169. Canadian Geotechnical Journal. Ottawa, National Research Council of Canada. quarterly.

Articles in English and French in the general field of soil engineering.

170. Canadian Journal of Civil Engineering. Ottawa, National Research Council of Canada. quarterly.

Articles in English and French on structural engineering, construction materials and hydraulics.

171. Cement and Concrete Research. Elmsford, N.Y., Pergamon Press. bimonthly.

BEST DOCUMENT AVAILABLE

International research on concrete technology; sponsored by American Concrete Institute.

172. Civil Engineering. New York, American Society of Civil Engineers. monthly.

Official publication of ASCE. Contains general articles, news of the Society, meetings, book reviews.

173. Civil Engineering. London, Morgan-Grampian Ltd. monthly.

General engineering articles often of interest to structural and materials engineers. British.

174. Commercial Car Journal. Philadelphia, Pa., Chilton Company. monthly.

Brief articles and news of the industry. Useful to maintenance and equipment personnel.

175. Computers and Structures. Elmsford, N.Y., Pergamon Press. bimonthly.

Articles on the applications of computers to structures. Emphasis on practical engineering aspects of structural analysis and design.

176. Concrete. Slough, England, Cement and Concrete Association. monthly.

Publication of The Concrete Society containing brief technical articles including a series on historic concrete.

177. Concrete International. Design and Construction. Detroit, American Concrete Institute. monthly.

Brief articles on international developments in concrete construction. Publishes proposed revisions to ACI specifications.

178. Earthquake Engineering and Structural Dynamics. New York, Wiley, bimonthly.

Articles for the design engineer as well as the researcher on all aspects of earthquake engineering. International in scope.

179. Engineering News-Record. New York, McGraw-Hill. weekly.

The news magazine for engineers. Contains feature articles on current engineering projects. Quarterly and annual construction cost issues most valuable.

180. Geotechnical Testing Journal. Philadelphia, Pa., American Society for Testing and Materials. quarterly.

Professional journal. Articles on new developments in soil and rock testing and related fields.

181. Geotechnique. London, Institution of Civil Engineers. quarterly.

Professional journal. Articles on soil engineering.

BEST DOCUMENT AVAILABLE

182. HSRI Research Review. Ann Arbor, University of Michigan, Highway Safety Research Institute. bimonthly.

Papers and notes often by HSRI staff members on the safety, economy and efficiency of transportation systems.

183. Highway and Heavy Construction. Chicago, Dun-Donnelley Pub. Co. monthly.

Brief articles on road construction and road machinery. Current news of the industry.

184. Highway Engineer. London, Institution of Highway Engineers. monthly.

British professional journal.

185. Highway Focus. Wash., D.C., Federal Highway Administration. irregular.

Reports on highway engineering and construction operations.

186. Highway Research News. no. 1-54, Feb. 1963-spring 1974. Wash., D.C., Highway Research Board. quarterly.

Activities on current research projects, news, profiles of highway research people, meeting notices and publication notes. Continued by Transportation research news when the HRB became the TRB.

187. Highways and Public Works. Wembley, Eng., Embankment Press. monthly.

British. Brief articles on current construction projects and news of the industry.

188. IABSE Periodica (Surveys, Journal, Proceedings, Structures, Bulletin) Zurich, Switzerland, International Association for Bridge and Structural Engineering. quarterly.

Publications of the international organization on the planning, design and construction of structural engineering projects.

189. IEEE Transactions on Vehicular Technology. New York, Institute of Electrical and Electronic Engineers. quarterly.

Professional journal. Articles dealing with electrical and electronics technology in vehicles and vehicular systems.

190. IMSA Journal. Wash., D.C., International Municipal Signal Association. bimonthly.

Official publication of the Association. Brief technical articles; frequently cited.

191. ITE Journal. Arlington, Va., Institute of Transportation Engineers. monthly.

Official journal of the Institute. Heavy emphasis on traffic engineering. Calendar of meetings, news and book reviews.

192. Illuminating Engineering Society. Journal. New York, The Society. quarterly.

Professional journal. Articles on highway illumination.

193. Institution of Engineers, Australia. Civil Engineering. Transactions. Barton, The Institution. semi-annual.

Professional journal. Articles of interest to the design engineer.

194. Institution of Civil Engineers. Proceedings. Part 1: Design and construction. Part 2: Research and theory. London, Thomas Telford, Ltd. quarterly.

Professional journal. Articles of interest to design and materials engineers.

195. Journal of Safety Research. Chicago, National Safety Council. quarterly.

Fairly frequent technical articles on traffic safety.

196. Journal of Terramechanics. Oxford, N.Y., Pergamon Press. quarterly.

Organ of the International Society for Terrain Vehicle Systems. Technical papers on off-the-road locomotion and the movement of soil.

197. Journal of Testing and Evaluation. Philadelphia, American Society for Testing and Materials. bimonthly.

"provides a forum for presenting data derived from the testing and evaluation of materials, products, systems..."

198. Journal of Transport Economics and Policy. London, London School of Economics. thrice yearly.

Scholarly articles. Multi-modal. Book notes.

199. Journal of Transport History. Leicester, Leicester University Press. semi-annual.

To be published by Manchester University Press beginning 1980. Scholarly articles. Multi-modal.

200. Journal of Travel Research. Boulder, Colo., Business Research Div., College of Business and Administration, University of Colorado. quarterly.

Articles on travel research developments and methodology. Good listing of new reports available.

201. Landscape Architecture. Louisville, Kentucky, American Society of Landscape Architects. bimonthly.

Articles on landscape design and construction. Professional journal.

202. Magazine of Concrete Research. London, Cement and Concrete Association. quarterly.

Technical papers. Subject listing of papers and books on cement and concrete research in the C. & CA Library.

203. Modern Tire Dealer. Joseph, Mich., Bill Brothers Pub. Corp. monthly.

News articles on tire sales and car service. Two special issues. Mid January a facts/testing issue and mid April a products catalog.

204. Materiaux et Constructions/Materials and Structures. Montreuil Cedex (France), International Union of Testing and Research Laboratories for Materials and Structures. bimonthly.

Text in French and English. International in scope; technical articles.

205. Photogrammetric Engineering and Remote Sensing. Falls Church, Va., American Society of Photogrammetry. monthly.

Articles on land mapping, land use and new monitoring techniques. Of value to planners and environmental engineers.

206. Prestressed Concrete Institute Journal. Chicago, The Institute. bimonthly.

Technical articles on the uses of prestressed concrete in design and construction. Reviews of current publications.

207. Public Lighting. London, Association of Public Lighting Engineers. quarterly.

Official organ of the Association. Some articles on roadway illumination.

208. Public Roads. Wash., D.C., GPO. quarterly.

Official FHWA publication on research and development advances designed to assist those engaged in the planning and construction of public roads. Articles on current projects. Listing of recent research reports.

209. Public Works. Ridgewood, N.J., Public Works Journal Corp. monthly.

Brief articles on current projects, equipment, news. Frequent articles of interest to highway personnel. Annual directory issue reviews equipment, materials and services, including names and addresses of suppliers.

210. Rural and Urban Roads. Chicago, R.H. Donnelley. monthly.

Brief articles on all aspects of highway construction, maintenance and operations.

211. Stuctural Engineer. Part A and Part B. London, Institution of Structural Engineers. Part A - monthly, Part B - quarterly.

Professional journal of the Institution. Frequent articles of interest to bridge engineers.

212. Traffic Engineering and Control. London, Printerhall Ltd. monthly.

Technical articles on traffic engineering. British. Regularly cited.

213. Traffic Quarterly. Westport, Conn., Eno Foundation for Transportation. quarterly.

Now multi-model but formerly exclusively highway oriented. Excellent articles by leading practicioners.

214. Traffic Safety. Chicago, National Safety Council. monthly.

Brief articles on current traffic safety topics. Publishes monthly supplement to Guide for Traffic Safety Literature.

215. Transportation Engineering Journal. New York, American Society of Civil Engineers. bimonthly.

Professional journal for ASCE Highway Division members (they currently share the journal with Aerospace, Air Transport, Pipeline and Urban Transportation Divisions). Papers are often those presented at Society conferences.

216. Transportation Planning and Technology. New York, Gordon and Breach. quarterly.

State-of-the-art papers on the interface of transportation planning and technology. Multi-modal, with socio-economic emphasis.

217. Transportation Research. Part A: General. Part B: Methodological. Elmsford, N.Y., Pergamon Press. Part A - bimonthly. Part B - quarterly.

International and multi-modal. Scholarly articles on all phases of transportation planning, design and management. Part B publishes case studies...

218. Transportation Research News. Wash., D.C., Transportation Research Board. bimonthly.

News and articles on the Board's activities. Contains meeting notices, book reviews and lists new TRB publications. Transportation research abstracts sections lists current articles, reports and technical publications of general interest by subject.

219. Tunnels and tunneling. London, Morgan-Grampian Ltd. monthly except February and August.

Brief articles and news on current tunnel projects; design and construction, equipment, methodology.

V. Conferences

220. American Association of State Highway and Transportation Officials.
Proceedings. 1974- Wash., D.C. annual.

Published 1914-1973 by American Association of State Highway Officials. AASHTO's predecessor organization. Papers presented at the annual meeting; still dominated by highway concerns.

221. American Association of State Highway and Transportation Officials.
Right-of-Way Committee. Activities. 1974- Wash., D.C. annual.

Report of programs and papers on highway right-of-way problems.

222. American Congress of Surveying and Mapping.
Proceedings. 1941- Falls Church, Va. annual.

Always a number of papers presented concerning highway surveying.

223. Association of Asphalt Paving Technologists.
Proceedings. 1928- Minneapolis, Mn. annual.

State-of-the-art papers.

224. Australian Road Research Board.
Proceedings. 1962- Melbourne. biennial.

Since 1962 a compendium of road problems and solutions in Australia.

225. Institute of Transportation Engineers.
Compendium of technical papers. 1976- Arlington, Va. annual. title varies.

Until 1976 published by The Institute of Traffic Engineers the predecessor organization. Emphasizes traffic engineering.

226. International Conference on Soil Mechanics and Foundation Engineering.
Proceedings. 1936- publisher varies. quadrennial.

Held in various locations; international forum for state-of-the-art papers.

227. International Road Federation.
World meeting proceedings. v.1, 1952- Wash., D.C. irregular. title varies.

Eight conferences beginning in 1952 held in Wash., D.C., Rome, Mexico City, London, Montreal, Munich and Tokyo (1977). The IX World Meeting is scheduled for Stockholm in June 1981. Their purpose is to "provide a broad scope of exchange and generate a sense of community and relationship among the many individuals and organizations which share concern for the world's road systems".

228. International Study Week in Traffic Engineering.
Proceedings. 1952- London, International Touring Alliance. irregular.

Held every two years since 1952 until the 12th, 1974. Then the 13th, 1978. Traffic engineering problems; primarily European practices.

229. International Symposium on Transportation and Traffic Theory.
Proceedings. irregular. title and publisher vary.

Held 1959, 1963, 1965, 1968, 1971, 1974, 1977- Papers always heavily cited.

230. Joint Engineering Management Conference.
Proceedings. 1953- annual. sponsor and publisher vary.

Contains papers of interest to administrative management on techniques, training, etc.

231. Planning and Transport Research and Computation Company.
Seminar proceedings. 1973- London. annual.

Proceedings published in sections: Town Planning, Transportation, Highways, Developing Countries. British emphasis, but increasingly international; practical information published promptly.

232. Roads and Transportation Association of Canada.
Proceedings. 1971- Ottawa. annual.

Formerly the Canadian Good Roads Association. Papers cover all Canadian transportation concerns, including highways.

233. Stapp Car Crash Conference.
Proceedings. 1955- Warrendale, Pa., Society of Automotive Engineers. annual.

First conference held in 1955. Contains papers on collision analysis and injuries, restraint systems, biomechanics etc.

234. World Road Congress.
Report of proceedings. v.1, 1908- Paris, Permanent International Association of Road Congresses. irregular.

Papers on the world's roads.

VI. Indexing and Abstracting Services: Data Bases

235. Concrete Abstracts. 1971- Detroit, American Concrete Institute. bimonthly.

Periodical and report literature on materials, structures, design, construction and manufacturing of concrete. Arranged by broad subject with a keyword index.

236. Current literature in traffic and transportation. 1960- Evanston, Ill., Transportation Center at Northwestern University. monthly.

The accession list of one of the major transportation libraries in the U.S. Major headings on highway transportation, roads and traffic, and motor vehicles and drivers. Comprehensive. No index.

237. Engineering Index. 1884- New York, The Engineering Index Inc. monthly. annual cumulation.

International in scope, covering all aspects of engineering. Arranged by subject. Abstracts. Includes journals, conferences, reports, monographs, books, etc. Special indexes: publications indexed for Engineering Index, author affiliation index, and author index.

238. Geodex Structural Information Service. 1965- Glen Ellen, Calif., Geodex International. updated every four months.

Includes literature (journal articles, reports, conference papers, books) on "structural engineering and mechanics, structural materials, bridge engineering and related civil engineering fields". Abstracts. Coordinate indexing by means of punched keyword cards. Thesarus with cross references. Coverage, 1959 to date.

239. Geotechnical Abstracts. 1970- Essen, German National Society of Soil Mechanics and Foundation Engineering. updated every 4 months.

Continues Geodex soil mechanics information service. Monthly abstract journal with cumulated punched cards received every four months. Abstracts journals, conferences, monographs and books on soil mechanics and foundation engineering. Coodinate indexing by means of punched keyword cards. Thesaurus. Author index.

240. Guide to Traffic Safety Literature. 1957- Chicago, National Safety Council. annual.

Includes books, reports, and journal articles received by the National Safety Council Library on traffic safety. Arranged in three parts. Part 1- a descriptive list in numerical order including bibliographic information. Part 2 - a key word list. Part 3 - author index. The guide is updated by a section in Traffic Safety, monthly periodical of the NSC.

241. HRIS Abstracts. 1968- Wash., D.C., Transportation Research Board. quarterly.

Contains abstracts of research reports, conference proceedings papers and journal articles on all phases of highway administration, planning, maintenance, operations and materials. Quarterly issues contain source index, author index and retrieval term index which cumulate in the fourth quarter issue.

242. Highway Research Abstracts. v.1, 1931-v.44, no. 6, June 1974. Wash., D. C. monthly except August.

Wide rangine coverage of report and journal literature of interest to highway engineers, administrators and contractors. Informative abstracts. The December issue a tentative program for the upcoming January annual meeting of the HRB. Superseded by Transportation Research Abstracts and currently by Transportation Research News.

243. Highway Research Board.
Index to Highway Research Correlation Service Circulars, nos. 1-491. Wash., D.C. 1963. 26 p.

Circulars issued 1945-1962. Index has three parts: (1) chronological listing by circular title (2) classification by committee activity (3) subject index.

244. Highway Research Board. Wash., D.C.
Index to publications, 1921-1949. 147 p.
Index to publications, 1950-1955. 105 p.
Index to publications, 1956-1959. 129 p.
Index to publications, 1960-1962. 135 p.
Index to publications, 1963-1965. 116 p.
Index to publications, 1966-1968. 213 p.
Index to publications, 1969-1972. 315 p.
Early indexes arranged by subject with author indexes only. Later volumes have author, retrieval term and title indexes. Continued by Transportation Research Board; Publications Index.

245. Highway Safety Literature. 1967- Wash., D.C., National Highway Traffic Safety Administration. monthly.

Open literature of interest to the research community. Documents include journal articles, monographs, conference proceedings, reports etc. Sections include: Abstract Citations, containing bibliographical information and abstracts; an Index to Abstracts, including a keyword-out-of-context (KWOC) list of words in the title...; an Author Index; a Corporate Author Index; a Contract Number Index; and a Report Number Index.

246. MIRA Automobile Abstracts. 1955- Nuneaton, (Eng.), Motor Industry Research Association. monthly. title varies.

Abstracts of the most recent literature on automobile engineering of "potential value for improving the design of vehicles or their components... including automotive research techniques". Arranged by broad subject area. Annual author and subject issue.

247. Transportation. Springfield, Va., National Technical Information Service. weekly.

Weekly announcement service of government sponsored research on all transportation modes. Section on road transportation. Includes abstracts. Annual index.

248. Transportation: current literature. 1921- Wash., D.C., Dept. of Transportation Library. semi-monthly.

Current awareness list of transportation periodical literature from the largest transportation library in the U.S. Arranged alphabetically by periodical title. Subject and geographical indexes.

249. Transportation Research Abstracts. v.44, no.7, July 1974-v.45, no. 12, 1975. Wash., D.C., Transportation Research Board. monthly.

Successor to Highway Research Abstracts. After 1975 the abstracts appear as a section in another TRB publication-Transportation Research News.

250. Transportation Research Board.
Publications index, 1973-1976. Wash., D.C. 1978. 245 p.

Continues Highway Research Board Index to Publications. Arranged by subject area with author, retrieval term and title indexes.

251. Urban and Regional Technology and Development. Springfield, Va., National Technical Information Service. weekly.

Current announcement service of government sponsored research. Includes a section on transportation and traffic planning. Annual index.

Data Bases

252. Compendex.
Coverage - 1970-
Update frequency - monthly.

Compendex database is the machine-readable version of the Engineering Index.

253. Geo Ref.
Coverage - 1961-
Update frequency - monthly.

Geo Ref is the machine-readable version of :
Bibliography and Index of North American Geology (1961-70);
Bibliography and Index of Geology Exclusive of North America (1967-68);
Geophysical Abstracts (1966-71);
Bibliography of Theses in Geology (1965-66);
Bibliography and Index of Geology (1969-present)
Includes material of interest to highway soil and foundation engineers.

254. NTIS
Coverage - 1964-
Update frequency - bimonthly.

NTIS is the machine-readable version of Weekly Government Abstracts and Government Reports Announcements. Huge data base of government sponsored research including transportation, building technology, civil engineering, energy, materials sciences, etc.

255. HRIS
Coverage - HRIS abstracts 1970-
Highway Safety Literature - 1970-

Update frequency - monthly.

All mode transportation data base, including machine-readable version of HRIS Abstracts and Highway Safety Literature.

VII. Library Accession Lists

256. Highway safety research information; current acquisitions, a selected list. Ann Arbor, Highway Safety Research Institute, University of Michigan. weekly.

Current acquisitions of a major highway safety research center library. Arranged by subject. Includes books, reports, conference papers, standards...

257. Selected Library Acquisitions. Wash., D.C., U.S. Dept. of Transportation Library. monthly.

Arranged by subject. Represents the current acquisitions of a major transportation library. Covers all modes.

258. Selected list of recent acquisitions of the Transportation Library. Berkeley, Institute of Transportation Studies, University of California. monthly.

Represents the monthly acquisitions of one of the three major transportation libraries in the U.S. Entries arranged by subject. Includes both monographs and general articles.

VIII. Dictionaries and Glossaries

259. American Association of State Highway Officials.
AASHO highway definitions. Wash., D.C., 1968. 29 p.

260. American Concrete Institute.
Cement and concrete terminology. 2d ed. Detroit, 1978. 50 p. (Special Publication no. 19)

261. Boyce, Byrl N.
Real estate appraisal terminology. Cambridge, Mass., Ballinger Pub. Co., 1975. 306 p.

262. Definitions of surveying and associated terms. Rev. New York, American Society of Civil Engineers, 1978. 210 p. (ASCE Manuals and Reports on Engineering Practice no. 34)

263. Highway Research Board.
Joint sealing; a glossary. Wash., D.C., 1970. 30 p. (Special Report no. 112)

264. Highway Research Board.
Standard nomenclature and definitions for pavement components and deficiencies. Wash., D.C., 1970. 29 p. (Special Report no. 113)

265. National Association of Women in Construction.
Construction dictionary; construction terms and tables and an encyclopedia of construction. Phoenix, Ariz., 1973. 599 p.

266. Roads and Transportation Association of Canada.
Bilingual glossary of Canadian highway construction terms. Ottawa, 1971. 222 p.

267. Technical glossary of horticultural and landscape terminology. Wash., D.C., Horticultural Research Institute, 1971. 109 p.

268. Vollmer, Ernst.
Encyclopedia of hydraulics, soil and foundation engineering. New York, Elsevier, 1967. 398 p.

IX. Bibliographies

269. Epps, James W.
Aerial photographic applications for transportation and traffic engineering studies : an annotated bibliography. Monticello, Ill., Council of Planning Librarians, 1973. 35 p. (CPL Exchange Bibliography no. 456)

Annotated bibliography designed to explore the "potential application of remote sensing techniques for general transportation and traffic engineering studies". Annotations alphabetically arranged by author. Index of authors and articles grouped by major subject area.

270. Fellman, John P.
The incorporation of esthetics within the comprehensive highway development process. Monticello, Ill., Council of Planning Librarians, 1976. 27 p. (CPL Exchange Bibliography no. 1141)

Bibliography recognizing the multi-disciplinary approach to highway planning requisite in todays social environment. Divided into areas such as esthetics, new model of perception, corridor planning and scenery classification, etc.

271. Hickok, Beverly.
Development of the Interstate Highway Program: 1916 to date. Berkeley, Ca., Regents of the University of California, 1980. 108 p.

"Intended as a useful aid for a broad spectrum of studies concerned with the history of interstate highways in the United States..." Partially annotated. Contains 877 items arranged chronologically by category. Indexed by personal author, corporate author and title.

272. Highway Research Board.
Selected materials on highway law and administration. Wash., D.C., 1969. 57 p. (Bibliography no. 49)

Bibliography developed over a period of years (1962-1968); a compilation of references dealing "with the problems of development and administration of highway transportation systems" from abandonment to zoning. Not annotated. Arranged by subject.

273. Hsu, Ann Yi-rong.
A bibliography of highway impact studies, 1966-1976. Monticello, Ill., Council of Planning Librarians, 1977. 29 p. (CPL Exchange Bibliography no. 1401)

Unannotated bibliography, but covers the critical years in the development of highway impact studies. Arranged by author in two sections; one articles, the other books, monographs, reports, bulletins and chapters.

274. Ludema, K.C.
An analysis of the literature on tire-road skid resistance. Philadelphia, American Society for Testing and Materials, 1973. 150 p. (ASTM Special Technical Publication no. 541)

"thorough literature survey in the general area of tire-road interaction". Each paper is classified according to subject... and evaluated on the basis of its contribution...

275. Maximena, Delores E.
Electric vehicles, 1890-1966 : a bibliography. Warren, Mich., General Motors Research Laboratories, 1977. 140 p.

Comprehensive historic coverage (1,528 citations) of literature on electric vehicles including automobiles, buses, cabs and trucks. Arranged chronologically with citations in alphabetic order by author. Companion bibliography citation 276.

276. Mobley, E.R.
Bibliography on electric vehicles, 1967-1976. Warren, Mich., General Motors Research Laboratoryies Library, 1977. 202 p.

Books, reports, symposia proceedings and periodical literature on all self-propelled vehicles using electric power sources. Arranged by topic and within each topic chronologically. Some cross references. Author index. 2,353 citations. Companion bibliography to citation 275.

277. Onibokun, Adepoju.
Socio-economic impact of highways and commuter rail systems on land use and activity patterns : an annotated bibliography. Monticello, Ill., Council of Planning Librarians, 1975. 35 p. (CPL Exchange Bibliography no. 815)

Bibliography by an academician, divided into 3 sections. Section 1 reviews methodological approaches; Section 2 is an annotated bibliography of previous work; and Section 3 is an unannotated listing of work on the subject.

78. Pursall, B.R.
The aerodynamics and ventilation of vehicle tunnels : a state-of-the-art review and bibliography. Cranfield, (Eng.), British Hydro-

mechanics Research Association, 1976. 237 p. (BHRA Fluid Engineering series vol. 2)

Comprehensive bibliography on the aerodynamics and/or ventilation of road and rail tunnels and of rapid-transit systems underground. Divided into two parts; the Review "systematically examines the many factors involved in vehicular tunnel airflow and ventilation technology and the Bibliography, divided into four sections: A. general and related literature, B. road tunnels, C. motor vehicle exhaust emission and D. rail tunnels and other tube-vehicle systems. The subject index includes tunnel names and there is also an author index.

279. Ramm, Dorothy V.
Traffic restraint : a bibliography. Evanston, Ill., Transportation Center Library, Northwestern University, 1974. 18 p.

Brief annotations. A bibliography divided into sections: general, bus priority operations, transit fare reductions, traffic-free zones, restraint on trucking operations, user charges. Author and geographic indexes. The 258 entries reflect the acquisitions of the Transportation Center Library, Northwestern University.

280. Transportation Research Board.
Effects of natural elements and chemicals on bitumen-aggregate combinations, 1966-1974. Wash., D.C., 1974. 35 p. (Bibliography no. 56)

Collected and annotated by members of a TRB Committee, the bibliography is arranged chronologically. 86 entries, no index.

281. Transportation Research Board.
Pavement temperatures : an annotated bibliography. Wash., D.C., 1974. 25 p. (Bibliography no. 55)

"Comprehensive review of literature on the subject of temperature variations at the surface and at various levels within asphalt pavements". Reviews and annotates 37 completed reports and 6 projects of research in progress. Author index.

282. Transportation Research Board.
Railway-highway grade crossings. Wash., D.C., 1976, 1980. 39 p., 17 p. (Bibliography nos. 57 and 58)

Annotated bibliography of substantive papers on the subject. Key word and author indexes. 171 entries in bibliograph no. 57 and 48 additional entries in the update, bibliography no. 58.

283. U.S. Bureau of Standards. Office of Vehicle Systems Research.
Bibliography on motor vehicle and traffic safety. Wash., D.C., 1971. 220 p.

Divided into 6 major categories: brakes, car occupant protection, human factors, tires and wheels, traffic and transportation, and vehicles - general. Additional subject breakdowns are provided within each category. Dated, but still valuable.

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URBAN TRANSPORTATION

edited by

Michael Kleiber

compiled by

Michael Kleiber
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Institute of Transportation Studies Library
University of California, Berkeley

March 1980

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I. Basic References

1. Altshuler, Alan.
   The urban transportation system: politics and policy innovation. Cambridge, MIT Press, 1979. 558 p.

   The authors intended the book to contribute to the enhancement of public and scholarly discourse about urban transportation issues and as a useful addition to the growing literature on public policy evolution in American society.

2. Button, K.J.
   The economics of urban transport. Farnborough, England, Saxon House, 1977. 181 p.

   The author's intention was to provide an up-to-date text dealing with urban transport in particular.

3. Cantilli, Edmund J.
   Programming environmental improvements in public transportation. Lexington, Lexington Books, 1974. 151 p.

   ..."the relatively small amounts of money that will be allocated for the improvement of the transit environment can be spent effectually."

4. Cohen, Harry S., et al.
   Evaluating urban transportation system alternative. Prepared by System Design Concepts, Inc. Wash. D.C., U.S. Dept. of Transportation, 1979. 399 p. (DOT-P-30-78-44)

   Covers program evaluation and costs of urban transportation systems.

5. Colcord, Frank C., Jr.
   Urban transportation decision making; Summary and conclusions. Wash., D.C., U.S. Dept. of Transportation, Office of the Secretary, 1974. 168 p. (Report no. OST-TPI-76-02, I)

   This report is one in a series encompassing ten monographs. Together they describe the transportation decision making process in a number of major cities in the U.S., Canada and Western Europe.

6. Creighton, Roger L.
   Urban transportation planning. Urbana, University of Illinois Press, 1970. 375 p.

   The main purpose of the book is to try to convey ideas on transportation planning particulary to the people who make decisions in this area. Much of the material was drawn from the author's work experience with the Chicago Area Transportation Study and the N.Y. State Dept. of Transportation.

7. Determinants of travel choice, edited by David A. Hensher and Quasim Dalvi. N.Y., Praeger, 1978. 394 p.

   Mathematical models in the choice of urban travel.

8. Domencich, Thomas A. and Daniel McFadden.
   Urban travel demand; A behavioral analysis. New York, American Elsevier, 1975. 215 p.

   The primary objective of this book is to provide a theoretical foundation and statistical methodology for analysis of travel behavior.

9. Fischler, Stanley I.
   Moving millions: an inside look at mass transit. N.Y., Harper & Row, 1979. 300 p.

   "Americans have become overdependent on the automobile..."

10. Hamer, Andrew M.
    The selling of rail rapid transit; A critical look at urban transportation planning. Lexington, Lexington Books, 1976. 336 p.

    Includes case studies of San Francisco, Wash., D.C., Atlanta, Los Angeles and St. Louis.

11. Hutchinson, B.G.
    Principles of urban transport systems planning. N.Y., McGraw-Hill, 1974. 444 p.

    The purpose is to provide a contemporary statement of existing approaches to strategic transport-systems planning in urban areas. It is intended for use by undergraduate and post-graduate students and practicing transport planners.

12. Institute for Defense Analyses.
    Economic characteristics of the urban public transportation industry. Wash. D.C., U.S. Dept. of Transportation, Office of Systems Analysis and Information, 1972. various pagings.

    A computerized data bank was developed of economic information on the operations of bus transit, rail rapid transit, commuter rail transit, and taxicab firms.

13. Institute for Defense Analyses.
    Evaluation of rail rapid transit and express bus service in the urban commuter market. Wash. D.C., GPO, 1973. various pagings. (DOT P 6520.1)

    This study analyzes and evaluates public transportation alternatives for serving the commuter market.

14. Jones, David W., W.L. Garrison and A.D. May, et al.
Transportation system management: promise, performance and prognosis. Prepared by the Institute of Transportation Studies. Wash. D.C., U.S. Dept. of Transportation, 1978. 36 p. (DOT/RSPA/DPB-50/78/30)

An assessment of the efficacy of transportation system management as both a strategy of transportation system improvement and a philosophy of planning administration.

15. Jones, Ian S.
Urban transport appraisal. New York, Wiley, 1977. 144 p.

The purpose of this book is to provide some insight into the methodology that has been developed in recent years for appraising urban transport projects and policies.

16. Keyani, Barbara I. and E.S. Putnam.
Transportation system management: state of the art. Prepared for Urban Mass Transportation Admin., 1976. Santa Barbara, Interplan Corp., 1976. 210 p. (Report no. 7504-R)

Presents state of the art information on 31 specific TSM actions within seven major categories.

17. Lea transit compendium: current international developments in transit technology. Huntsville, Ala., N.D. Lea & Associates, 1974/78.

The most important source for transit technology. Annually updated references manuals were issued on current international developments in transit technology. Guides included such titles as moving way, light guideway, personal rapid, light rail, heavy rail, bus and para-transit as well as roadway transit equipment.

18. Levinson, Herbert S.
Characteristics of urban transportation demand; A handbook for transportation planners. Wash., D.C., Urban Mass Transportation Admin., 1978/79. (Report no.UMTA-IT-06-0049-78-1 & 2)

Handbook for the determination of urban travel demand.

19. May, Adolf D. and Catherine Cortelyou.
Transportation system management: TSM-type projects in the United States. Berkeley, University of California, Institute of Transportation Studies, 1979, 100 p. (UCB-ITS-RR-79-17)

This report provides an overview of identified "TSM-type" projects which have been implemented, evaluated, and documented in the United States. Low cost improvements to the existing transportation network have been divided into eleven strategy classes.

20. Metropolitan transportation planning. Senior author: John W. Dickey. N.Y., McGraw-Hill, 1975. 562 p.

The authors have all had experience in teaching introductory courses in transportation planning, most at Virginia Tech. It was important to them that there be an interdisciplinary input to the book.

21. Organisation for Economic Co-Operation and Development. The automobile and the environment: an international perspective. Edited by Ralph Gakenheimer, Cambridge, MIT Press, 1978. 494 p.

Papers on urban public transit, methods of traffic limitation in urban areas, automobiles and cities, etc.

22. Organisation for Economic Co-Operation and Development. Transport requirements for urban communities; Planning for personal travel. Prepared by an OECD Road Research Group. Paris, 1977. 91 p.

A consideration of some of the problems involved in the methodology of transport planning as applied to personal travel requirements.

23. Owen, Wilfred. The accessible city. Wash. D.C., Brookings Institution, 1972. 150 p.

"In an age of urbanization and motorization, the way people live and the way they move have become increasingly incompatible."

24. Owen, Wilfred. Transportation for cities; The role of federal policy. Wash. D.C., Brookings Institution, 1976. 70 p.

Owen examines the merits and shortcomings of recent federal programs to improve mobility in the metropolis.

25. Pikarsky, Milton and Daphne Christensen. Urban transportation policy and management. Lexington, Mass., Lexington Books, 1976. 255 p.

"The research and analysis presented here represent a first step toward understanding transit's dilemma from a policy/management viewpoint ..."

26. Public transportation: planning, operations, and management. Editors: George E. Gray and Lester A. Hoel. Englewood Cliffs, N.J., Prentice-Hall, 1979. 749 p.

The major theme is that public transportation can be provided through a variety of technologies and institutional arrangements. This work brings much of the established information together in one place.

27. Pushkarev, Boris S. and Jeffrey M. Zupan.
    Public transportation and land use policy. Bloomington, Indiana University Press, 1977. 242 p.

    This book is based on the study, "Urban Densities for Public Transportation", prepared at Regional Plan Association under contract with the Tri-State Regional Planning Commission.

28. Richards, Martin G. and Moshe E. Ben-Akiva.
    A disaggregate travel demand model; A Buro Goudapel en Coffeng and Cambridge Systematics, Inc. research study. Farnborough, Eng., Saxon House, 1975. 163 p.

    Mathematical models in urban travel forecasting.

29. Schaeffer, K.H. and Elliot Schlar.
    Access for all; Transportation and urban growth. Baltimore, Penguin, 1975. 182 p.

    "... a healthy society requires a healthy transportation system, that is a transportation system which provides access to all."

30. Sheldon, Nancy W. and Robert Brandwein.
    The economic and social impact of investment in public transit. Lexington, Lexington Books, 1973. 170 p.

    This study was conducted by the professional staff of Harbridge House, Inc. for the U.S. Dept. of Transportation.

31. Skinner, Louise E.
    Comparative costs of urban transportation systems. Wash. D.C., U.S. Federal Highway Admin., 1978. 100 p.

    Comparison of costs of urban transportation systems.

32. Smerk, George M.
    Urban mass transportation; A dozen years of federal policy. Bloomington, Indiana University Press, 1974. 388 p.

    History of federal policy towards mass transit.

33. Taebel, Delbert A. and James V. Cornehls.
    The political economy of urban transportation. Port Washington, N.Y., Kennikat Press, 1977. 218 p.

    "The thesis of this book is that the transportation system in American cities today creates a whole series of problems and that these problems constitute the critical dimensions of the urban crisis in relation to transportation."

34. Texas Transportation Institute.
    Alternatives for improving urban transportation: a management overview. Wash. D.C., U.S. Federal Highway Admin., 1977. various pagings. (TS-77-215)

This report was prepared as part of a course development program having the same title.

35. Thomson, J. Michael.
Great cities and their traffic. London, Victor Gollancz, 1977. 344 p.

Thirty cities in the world with over a million inhabitants were selected for this study.

36. Transportation and the urban environment; A joint U.S.-U.S.S.R. report on: the rational relationship between automobile and public transit development. Wash. D.C., GPO, 1978. 173 p.

The U.S. and Soviet members met to view the transportation-environmental interaction in urban areas of the two countries.

37. U.S. General Accounting Office.
Stronger federal direction needed to promote better use of present urban transportation systems; Report to Congress. Wash. D.C., 1979. 60 p.

Policy statement regarding urban transportation planning in the U.S.

38. U.S. Congress. Office of Technology Assessment.
An assessment of community planning for mass transit. Wash. D.C., 1976. 10 vols.

"The report addresses the institutional, technical, and financial aspects of transit planning. Nine metropolitan areas were selected for case studies ..."

39. U.S. Federal Highway Administration.
Computer programs for urban transportation planning: planpac/backpac general information. Wash. D.C., GPO, 1977. 436 p.

One of several publications detailing U.S. Dept. of Transportation computer programs available in the urban transportation planning field.

40. Urban transport economics, edited by David A. Hensher. Cambridge, Cambridge University Press, 1977. 277 p.

The book is written as a comprehensive frame of reference for identifying the key issues in urban transport economics, with the objective of providing a much needed textbook.

41. Urban transportation planning: current themes and future prospects. Edited by Peter Bonsall, Quasim Dalvi, Peter J. Hills. Tunbridge Wells, Eng., Abacus House, 1977. 386 p.

42. Watanatada, Thawat and Moshe Ben-Akiva.
    Development of an aggregate model of urbanized area travel behavior. Wash., D.C., U.S. Dept. of Transportation, 1979. 389 p. (Report no. DOT-P-30-79-01)

    Mathematical models in urban area travel and urban transportation policy.

43. Wiener, Anthony J.
    Future directions for public transportation; A basis for decision. Wash. D.C., Urban Mass Transportation, 1978. 87 p. (UMTA-NY-11-0017-79-1)

    UMTA must accept and support to a greater extent than presently innovative uses of the automobile and paratransit modes as the most efficient mode for most urban area trips.

II. Statistical Sources

44. American Public Transit Association.
    Transit fact book. Wash. D.C. annual.

    Data obtained from member transit systems, both publicly and privately owned. Includes financial data and comparative energy consumption figures.

45. DeLeuw, Cather & Co.
    Characteristics of urban transportation systems; A handbook for transportation planners, by D.B. Sanders, et al. Wash. D.C., Urban Mass Transportation, 1979. various pagings. (UMTA-IT-06-0049-79-1)

    Well documented statistical source book. Emphasis on capital costs and energy consumption of different conventional modes of urban transport.

46. Institute for Defense Analyses.
    Economic characteristics of the urban public transportation industry. Wash. D.C., U.S. Dept. of Transportation, Office of Systems Analysis and Information, 1972. various pagings.

    Financial statistics on bus transit, rail rapid transit, commuter rail transit, and taxicab firms with emphasis on bus transit. Secondary data sources.

47. International Union of Public Transport.
    International statistical handbook of urban public transport. Brussels, 1979. 4th edition.

    Sections on rapid transit, multi-mode surface transport, and uni-mode surface transport. Each section arranged alphabetically by city. Detailed statistical data on each system: traffic, fares, technical. International coverage. First edition published in 1964.

48. Modern Railroads Rail Transit.
City-by-city transit digest. Chicago. annual.

Part of May issue. Statistics on rail transit systems of North America. Each entry includes data on proposed construction and UMTA committment to project.

49. U.S. Federal Highway Administration.
Transportation planning data for urbanized areas, based on 1970 census; A summary. Wash. D.C., 1973. unpaged.

Housing, automobile ownership, income, and journey-to-work data summarized and arranged alphabetically by urbanized area.

III. Directories

50. American Public Transit Association.
Membership directory. Wash. D.C. annual.

Available to members only. In addition to directory of transit system members, arranged by state, includes several other directories; especially useful is the directory of consultants in the field.

51. Bus ride.
Bus industry directory. Spokane, Friendship Publications. biennial.

A directory of bus companies and transit authorities in the United States and Canada, arranged by state and province. Also includes sections on manufacturers and suppliers, trade associations, and consulting firms.

52. California. Division of Mass Transportation.
Trans guide; A compendium of information on public transportation with emphasis on California. Sacramento, 1974 -

Well documented descriptions of transit organizations both within and outside California. Includes detail on fares, construction, equipment acquisition, and finance.

53. Canadian Urban Transit Association.
Transit fact book and membership directory. Toronto. annual.

Directory of transit operators arranged by province. Fact Book section contains transit statistics for previous calendar year with retrospective figures back to 1950.

54. Jane's World Railways. London, Jane's Yearbooks. annual.

Section entitled "Rapid Transit, Underground and Surface Railways" is arranged alphabetically by name of city. In addition to technical and traffic data, each entry includes a brief history of the line. International in scope.

55. Mass Transit.
Consultants guide. Wash. D.C. annual.

Part of August issue. Includes name of individual in charge of urban transportation.

56. Metropolitan.
Fact book. Redondo Beach, California. annual.

Part of September/October issue. Directory of equipment and parts manufacturers.

57. Modern Railroads Rail Transit.
Transit directory of products and suppliers. Chicago. annual.

Part of May issue. Very detailed product index plus complete list of manufacturers.

58. U.S. Urban Mass Transportation Administration.
A directory of regularly scheduled, fixed route, local public transportation service. Wash., D.C. irregular.

Arranged in 2 sections: for urbanized areas over 200,000 population and for urbanized areas from 50,000 to 200,000. Listed by population rank. Includes data on peak equipment requirements.

59. U.S. Urban Mass Transportation Administration.
Directory of research, development and demonstration projects. Wash., D.C. annual (fiscal year).

Recent issues have title: "Innovation in Public Transportation." Projects grouped by type: technology, service, planning, and policy. Name of technical contact (with telephone number) is given for each project. Each subject section (e.g. fare and pricing policies) includes list of published reports prepared by contracting agency.

IV. Periodicals

1. General

60. American Institute of Planners.
Journal. Washington, The Institute, 1925-1978. quarterly.

Professional journal. Transportation article cover all modes. Contined by American Planning Association Journal.

61. American Planning Association.
Journal. Washington, The Assocation. quarterly.

Continues American Institue of Planners Journal. Emphasis upon planning with articles on transportation planning in urban setting.

62. American Society of Civil Engineers.
Journal of the Urban Planning and Development Division.
New York. irregular.

Published generally once per year.

63. American Society of Civil Engineers.
Transportation Engineering Journal of ASCE. New York. bimonthly.

Transportation engineering including urban transportation articles.

64. Ekistics: The problems and science of human settlements.
Athens, Athens Center of Ekistics. monthly.

Published in Athens but with a worldwide subject interest in the study of man's patterns of living and their physical expression.

65. Engineering News-Record. New York, McGraw-Hill. weekly.

Urban transportation articles in this journal reflect construction.

66. Futurist. Washington, D.C., World Future Society. bimonthly.

Urban transportation articles which appear in this journal are oriented towards possible future trends on both the theoretical and practical levels.

67. ITE Journal. Washington, D.C., Institute of Transportation Engineers. monthly.

Continues Traffic Engineering and Transportation Engineering also issued by ITE. Traffic and transportation articles with emphasis on urban areas.

68. Journal of Advanced Transportation. Durham, N.C., Institute for Transportation, Duke University. 3 per year.

Continues: High Speed Ground and Transportation Journal. Sponsored by the Advanced Transit Association. Generally contains state-of-the-art and theoretical articles.

69. Landscape Architecture. Louisville, KY, Landscape Architecture. bimonthly.

International magazine of regional and land planning, landscape design, and construction.

70. The Planner: Journal of the Royal Town Planning Institute.
London, The Institute. bimonthly.

Primarily deals with Great Britain from an urban planner's viewpoint. Includes book reviews.

71. Planning. Chicago, American Planning Association, monthly.

Continues ASPO Planning. Short articles on urban planning, both descriptive and theoretical.

72. Regional Science and Urban Economics. Amsterdam, North-Holland Publishing Co. quarterly.

Continues Regional and Urban Economics. Theoretically oriented articles. Text in English.

73. TEC: Transport Environnement Circulation. Paris, ATEC. bimonthly.

French language periodical dealing with all modes of urban transportation. Articles are summarized in English, French, and German.

74. Traffic Engineering and Control. London, Printerhall. monthly.

Traffic and transportation articles emphasizing urban areas and Great Britain.

75. Traffic Quarterly. Westport, Connecticut, Eno Foundation for Transportation. quarterly.

Multi-modal with theoretical, state-of-the-art, and descriptive articles. Emphasis upon the United States, buth with occasional treatments of other parts of the world.

76. Transportation: An International Journal. Amsterdam, Elsevier Scientific Publishing Co. quarterly.

Emphasizes transportation planning and practice. Multi-modal. Text in English.

77. Transportation Research. Oxford, England, Pergamon Press. 10 per year.

Scientific and technical results which relate to the design and operations of transportation systems. Multi-modal.

78. Transportation Research News. Washington, Transportation Research Board. bimonthly.

Multi-modal emphasis including feature articles and news-briefs. Book reviews and abstracts also included.

79. Transportation Science. Baltimore, Operations Research Society of America. quarterly.

Publication of the Transportation Science Section of ORSA. Theoretically oriented articles; includes book reviews.

80. Transportation U.S.A. Washington, D.C., U.S. Dept. of Transportation. quarterly.

General publication of DOT which deals with all forms of transportation in the U.S., including urban transportation. Short, informative articles.

81. Transports. Paris, Editions techniques et economiques. 10 per year.

In French. Multi-modal with emphasis upon France. Each issue contains one or two articles dealing with some aspect of urban transportation.

82. Transports Urbains. Paris, Groupement pour l'Etude des Transports Urbains Modernes. quarterly.

Issued in French with emphasis on France. Multi-modal emphasis.

83. Urban Affairs Quarterly. Beverly Hills, Sage Publications. quarterly.

Scholarly journal with a social sciences emphasis.

84. Urban Forum: Colloque Urbain. Ottawa, Urban Research Council of Canada. irregular.

In English and French. The major Canadian urban affairs journal stressing policy which synthesizes and condenses specialized works.

85. Urban Land. Washington, D.C., Urban Land Institute. 11 per year.

Brief articles on urban redevelopment, commercial development, recreation, industry, new communities, and residential aspects of urban areas.

86. Urban Studies. Harlow, England, Longman Group Ltd. 3 per year.

Published for the University of Glasgow. International outlook in the fields of urban and regional planning with emphasis on social and economic issues. Includes book reviews.

2. Mass Transit

87. Advanced Transit News. Washington, D.C., Advanced Transit Assoc. irregular.

Irregularly issued newsletter with multi-modal emphasis upon transportation particularly in regards to advanced technologies.

88. Bus Ride. Spokane, Wash., Friendship Publications. 8 per year.

Provides information on the total bus market, including urban transit, directed towards administration, operations, maintenance, and supply of bus fleets as well as governmental agencies and education institutions.

89. City and Suburban travel. Los Angeles, Transit Research Foundation. monthly.

Multi-modal mass transit emphasis.

90. Going Places. New York, General Electric.

Published 1958? - 1973. Reprinted popular articles from the 1960's and early 1970's reflecting coordinated urban transportation.

91. Headlights: The magazine of electric railways. New York, Electric Railroaders' Association. irregular.

The journal looks at both historical and contemporary electric railways, much of them in the urban context.

92. Mass Transit. Washington, D.C., Mass Transit. monthly.

The major news magazine covering mass transit systems.

93. Metro. Redondo Beach, CA., Bobit Publishing Co. bimonthly.

Emphasis on metropolitan mass transit with feature length news articles. Title has varied considerably over the years.

94. Modern Railroads/Rail Transit. Denver, Cahners Publishing Co. monthly.

Serving the rail and guided transit market.

95. Modern Tramway and Light Rapid Transit. Shepperton, England, Ian Allen. monthly.

The official journal of the Light Railway Transport League. Worldwide coverage.

96. Motor Coach Age. West Trenton, N.J., Motor Bus Society. monthly.

Publication stresses history of motor buses in the United States and Canada, often featuring a detailed look at one urban bus company.

97. National School Bus Report. Fairfax, Virginia, National School Transportation Assoc. quarterly.

NSTA is composed of pupil transportation companies, suppliers, and personnel. The Report features articles covering subjects applicable to all three groups.

98. New Concepts in Urban Transportation. Washington, D.C., Transportation Research Board. irregular.

Formerly issued by the University of Minnesota as Personal Rapid Transit Bi-Weekly. Published by TRB to disseminate information on the nature/performance of new transportation systems, their development and research as well as current awareness.

99. Newsline: Current Research in Public Transportation Development. Washington, D.C., Transportation Research Board. 8 per year.

Reports on current research and development with contact persons listed. Functions as a current awareness service.

100. Passenger Transport. Washington, D.C., American Public Transit Association. weekly.

The "weekly newspaper of the transit community."

101. Public Transit Report. Silver Spring, Maryland, Business Publishers, Inc. biweekly.

Newsletter emphasizing transit policy and funding of interest to operators, equipment manufacturers, planners, and government officials.

102. Railway Age. Bristol, Conn., Simmons-Boardman Publishing Corp. semi-monthly.

Published for the management of North American railways and rail transit operators with regular features on rail transit.

103. School Bus Fleet. Redondo Beach, Calif., Bobit Publishing Co. bi-monthly.

Emphasizes vehicle aspects of school bus transportation.

104. Der Stadtverkehr. Bielefeld, West Germany, Werner Stock. monthly.

Bus and rail transit with worldwide coverage but emphasis on West Germany. Emphasizies vehicles over transit planning.

105. Transit Journal. Washington, D.C., American Public Transit Assoc. quarterly.

Emphasis on the U.S. urban transit industry.

106. UITP Revue. Brussels, International Union of Public Transport. quarterly.

Multi-modal journal with articles primarily dealing with Europe and North America.

3. Public Works

107. APWA Reporter. Washington, D.C., American Public Works Association. monthly.

Emphasis upon physical structures and facilities controlled by public agencies.

108. Public Works. Ridgewood, N.J., Public Works Journal Corp. monthly.

Emphasis on public works projects with a transportation digest.

109. Right of Way. Los Angeles, American Right of Way Association. bi-monthly.

Official publication of the American Right of Way Association.

110. Rural and Urban Roads. Chicago, Scranton Gillette Publishing Co. monthly.

News magazine directed to public works and highways officials and engineers. Emphasis on equipment and products.

4. Bicycling

111. Bicycle Forum. Missoula, Montana, Bicycle Federation. quarterly.

News magazine directed towards the bicyclist with articles on urban as well as rural bicycling.

112. Bicycling. Emmaus, Pennsylvania, Rodale Press, Inc, monthly.

Major news and information for the bicycling enthusiast with numerous articles concerning urban cycling as both a transportation modal and recreational activity.

113. Boom in bikeways. Washington, D.C., Bicycle Manufacturers Assoc. of America. 3 per year.

Irregularly issued newsletter which emphasizes creation of special bikeways in urban areas, often from abandoned RR right-of-ways.

5. Pedestrians

114. Pedestrian Research. Forest Hills, N.Y., American Pedestrian Assoc. quarterly.

Newsletter with some original articles as well as reprints from newspapers.

115. Voice of the Pedestrian. The Hague, International Federation of Pedestrians. semi-annual.

Articles primarily on safety in English, French, Dutch, and German. International Federation of Pedestrians Bulletin incorporated into it in 1973.

116. Walk: The Journal of the Pedestrians Association. London, Pedestrians Association. quarterly.

Continues Arrive: Quarterly Journal. Stresses pedestrian safety with major emphasis on Great Britain and Europe.

6. Paratransit and other systems

117. Electric Vehicle News. Westport, Conn., Porter Corp. quarterly.

Many articles on people mover systems and small, urban automobiles.

118. Elevator World. Mobile, Alabama, Elevator World, Inc. monthly.

International publication for industries transporting through compactly engineered systems on cables or rails.

119. Paratransit. Washington, D.C., Transportation Research Board. irregular.

Newsletter dedicated to current awareness in paratransit developments.

120. Taxicab Management. Lake Forest, Illinois, International Taxicab Assoc. monthly.

Official publication of the Int'l. Taxicab Assoc. emphasizing short, informative articles.

V. Conferences

121. American Public Transit Association.
Summary proceedings of the APTA annual meeting. Washington. annual.

Published in Transit Journal, January issues. None published since 1978. APTA also holds and/or sponsors several other transit conferences annually. APTA's predecessor organization, the American Transit Association, published annual conference proceedings from 1884 - 1974.

122. Canadian Urban Transit Association.
Proceedings. Toronto. annual.

Covers urban transit operations in Canada.

123. Conference on Transportation and Urban Life, 1975.
Transportation planning for a better environment: proceedings, Munich, Sept. 1975. Edited by Peter Stringer and H. Wenzel. New York, Plenum Press 1976. 439 p.

International conference on urban transportation planning emphasizing social aspects.

124. Goods transportation in urban areas: proceedings of the Engineering Foundation conference. Washington, Federal Highway Administration, biennial.

First held in 1973, this national forum covers urban freight planning and operations.

125. International Union of Public Transport.
International congress: proceedings. Brussels. biennial.

World forum for transit operators and planners.

126. Institute of Transportation Engineers.
Proceedings. Washington. annual.

Emphasizes traffic engineering but also includes papers on transit operations and other urban transportation topics. Formerly issued by the Institute under its previous name: Institute of Traffic Engineers.

127. International Conference on Public Transport Systems in Urban Areas, Gothenburg, 1978.
Public transport systems in urban areas: today's experiences--tomorrow's strategies. Gothenburg, Swedish Trade Fair Foundation, 1978. 7 vols.

Urban transportation and urban transit planning and operations, worldwide. Co-sponsored by city of Gothenburg, International Union of Public Transport and Chalmers Tekniska Hogskola.

128. National Conference on Light Rail Transit.
Proceedings. Washington, Transportation Research Board. (biennial).

A series of conferences on recent developments in light rail (street-car) transportation. First was held in Philadelphia in 1975; Second in Boston in 1977.

129. National Conference on Personal Rapid Transit, 1st & 2nd, 1971 & 73.
Personal rapid transit. Minneapolis, Dept. of Audio-Visual Extension, 1972 & 74. 2 vols.

Emphasizes technical aspects of PRT systems.

130. Paratransit, 1979: proceedings of a workshop. Washington, Transportation Research Board, 1979. 89 p. (TRB Special report 186)

The third in a series of special conferences sponsored by the TRB and Urban Mass Transportation Administration and published in the TRB Special Report series. Covers specialized transportation services including demand-responsive bus transit and taxicabs for the transportation disadvantaged.

131. Planning and Transport Research and Computation Company.
Seminar proceedings. London, annual.

Proceedings issued in sections which include various urban transportation topics emphasizing British techniques.

132. Transportation Research Board.
Urban transportation economics; Proceedings of five workshops ...
Wash., D.C., 1978. 260 p. (Special Report no.181)

"It was the purpose of this study to examine the financial problems of urban public transportation, particularly transit, and to consider how government policies might improve economic efficiency and financial viability."

133. UMTA R&D Priorities Conference.
Proceedings. Washington, Urban Mass Transportation Admin. irregular.

Co-sponsored by UMTA and the American Public Transit Association, proceedings cover research in urban transit in the U.S. First conference held Feb. 1976, Third held Nov. 1978.

134. U.S. - German Urban Transportation Workshop = Deutsch - Amerikanisches Seminar Stadtverkehr.
Proceedings. Washington, Urban Mass Transportation Admin. annual.

Co-sponsored by UMTA and the Bundesministerium für Verkehr. Covers technical urban transit topics. Articles in German and English.

VI. Indexing and Abstracting Services: Data Bases

135. Geo Abstracts. Part F: Regional and Community Planning. Norwich, England, University of East Anglia. bi-monthly.

International in scope. Abstracts arranged by subject, including a 3-part transportation planning section on processes, techniques, and projects and policies. The Regional index in no.6 of each volume provides geographic access, but outside the U.K. the regions are very broad, e.g.: Africa-North, USA-East.

136. HRIS Abstracts. Washington, Transportation Research Board. quarterly.

Covers all aspects of urban road transport, including transit and paratransit systems, light-rail transit, bicycles, and pedestrians. Abstracts of research reports, technical papers from conference proceedings, and journal articles. Abstracts are arranged under broad subjects and indexed by author, corporate author and retrieval terms.

137. Highway Research Abstracts. Washington, Highway Research Board. monthly. (1931-1975)

Title changed to Transportation Research Abstracts with v.44, no.7 in July 1974. Includes abstracts on all aspects of urban transportation, including bicycles, mass transit, pedestrians, bus transportation, and taxicabs.

138. International Abstracts in Operations Research. Amsterdam, North-Holland Publishing Co. Published for the International Federation of Operational Research Societies. quarterly.

Abstracts of journal articles arranged by subject. Contains the following subject areas relevant to urban transport in the "experiment and special applications" section: Transportation, Road, and Urban Affairs. In English; title of papers also in the original language.

139. Railroad Research Bulletin. Washington, prepared for the U.S. Federal Railroad Admin. by the Railroad Research Information Service of the Transportation Research Board. semi-annual.

Abstracts of journal articles, research reports, descriptions of computer programs and magnetic data tapes, and summaries of ongoing research in rail transport. Author, corporate author and subject indexes. Includes urban transportation planning, commuter services, automated guideway transit and other advanced systems of urban transport.

140. Research in Urban Transport. Bonn-Bad Godesberg, Ministry of Transport, Federal Republic of Germany. irregular.

Summary of the Ministry's "Urban Transport" research program. Part I contains abstracts of reports, subdivided into planning, technical, and economic studies; part II contains an up-to-date survey of all research and study assignments commissioned by the Federal Ministry of Transport since 1967. German title: "Forschung Stadtverkehr."

141. Transit research abstracts. Washington, Highway Research Board, prepared by the Highway Research Information Service, 1973. 123 p.

"Abstracts of more than 450 Urban Mass Transportation Admin. -sponsored research, development, and demonstration projects, technical studies, and other reports." Indexed by author, corporate author, and authorized subject term.

142. Transportation. Springfield, Virginia, NTIS. weekly.

Newsletter abstracting recent NTIS reports. Arranged by subject. Includes sections on road transportation and metropolitan rail, which are relevant to urban transportation. Contains annual subject index.

143. Transportation current literature. Washington, Dept. of Transportation Library. semi-monthly.

Journal articles on transportation subject with subject and geographic index in each issue. Does not cumulate. Absorbed *Urban Transportation Research and Planning Current Literature* with 1979 issue.

Card index for work maintained at Dept. of Transportation Library in Washington. Reproduction of urban transportation section, 1921-1971, produced on microfilm by U.S. Historical Documents Institute as reels 131-140 of *Transportation Masterfile*, with printed index.

144. TRIS-On-Line.

Accessible beginning in March 1980 through Lockheed's DIALOG (file no.63). Compiled under the auspices of the Transportation Research Board, this base includes approx. 100,000 records from 1964 to the present selected from the ATRIS (Air Transportation Research Information Service), HRIS (Highway Research Information Service), MRIS (Maritime Research Information Service), and RRIS (Railroad Research Information Service), and is to be updated monthly with the addition of approx. 15,000 records. Search cost is about $40/hr. plus $.10 per full record printed offline. Multi-modal, including transit and urban transportation.

145. U.S. Urban Mass Transportation Admin.

An urban transportation bibliography. Springfield, NTIS, 1971. 106 p. (PB 199 031)

Abstracts of reports, studies, articles, monographs and other publication formats on urban mass transportation, 1964-1970. Indexed by author, subject, and corporate author.

146. UITP Biblio-Index. Brussels, International Union of Public Transport. quarterly.

Analytic index of articles on public transport from over 100 periodicals of many countries. Printed on cards, to be separated and filed by Universal Decimal Classification. In French, German, and English, with a trilingual alphabetical index in each issue. The title of each entry is in 3 language, but the language of the abstract varies. Primarily mass transit.

147. Urban & Regional Technology & Development. Springfield, Virginia, National Technical Information Service. weekly.

Newsletter abstracting recent NTIS reports, arranged by subject. Includes these subject areas relevant to urban transportation: Transportation & Traffic planning; Urban administration & planning; Economic studies. Includes annual subject index. Formerly titled Urban Technology.

148. Urban Mass Transportation Abstracts. Springfield, Virginia, NTIS. biennial.

Prepared by the U.S. Urban Mass Transportation Admin., Office of Transportation Management and Demonstrations. Vol. I covered 1966-1971; thereafter issued biennially.

Guide to reports generated under contract to UMTA. Arranged by grant number and report type; indexed by title, personal author, corporate author, geographic location, and subject. Updated frequently by "UMTA Abstract", available by subscription from NTIS.

VII. Library Accessions Lists

149. Current literature in traffic and transportation. Evanston, Transportation Library, Northwestern University. monthly.

Subject arrangement of recent acquisitions and journal articles emphasizing economic and social aspects of transportation. Covers urban transportation.

150. Selected Library Acquisitions. Washington, U.S. Dept. of Transportation Library. monthly.

Printout, arranged by primary subject heading, of monthly acquisitions of the largest transportation library in North America. Covers all modes, includes urban transportation material. Produced from OCLC tapes.

151. Selected list of recent acquisitions of the Transportation Library. Berkeley, Institute of Transportation Studies, University of California. monthly.

Photoreproduction of catalog cards for both monographs and journal articles, arranged by primary subject heading. Covers all modes including urban transportation.

152. Transport Canada Research and Development Centre. Recent acquisitions. Montréal. quarterly.

The best source for urban transportation documents relating to Canada.

VIII. Dictionaries and Glossaries

153. California. Div. of Mass Transportation.
Trans Guide: a compendium of information on public transportation with emphasis on California. Addendum 2: Glossary of transportation terminology. Sacramento, The Division, 1976. looseleaf.

With the revision of 5/15/79, the Trans Guide Glossary is limited to terms which do not appear in TRB's Glossary of Urban Public Transportation Terms (Special Report 179). It is recommended that the TRB glossary be used in conjunction with the Trans Guide text.

154. Traffic Engineering and Control.
Vocabulary of traffic engineering terms. London, Printerhall Ltd., 1967. 39 p.

Terms of British and American origin differentiated by typeface and arranged under eleven general headings. Includes alphabetic index.

155. Transit Fact Book. Washington, American Public Transit Assoc. annual.

Includes a "Glossary of Transit Industry Terms" and a "Glossary of Transit Fact Book Financial Terms", each just a few pages long.

156. Transportation Research Board.
Glossary of urban public transportation terms. Washington, 1978. 39 p. (Special report no.179)

Comprehensive listing of "the analytical language of urban planners and the operational language of transit system operators." Organized alphabetically by term, with cross-references.

157. U.S. Dept. of Transportation. Technology Sharing Program Office.
Glossary of transportation terms for small systems. Cambridge, Mass., Transportation Systems Center, 1979. 15 p.

A simple and deliberately limited list of terms on small public transportation systems including paratransit and elderly/handicapped programs, "prepared for people who are not transportation planners or practitioners but who need to know what the experts are talking about." In 3 sections: 1- commonly used words and phrases, 2- brief summary of applicable legislation, 3- short list of abbreviations for agencies and organization connected with transportation.

IX. Bibliographies

158. Gatto, Dominick J.
Planning principles for transportation systems. Chicago, Council of Planning Librarians, 1979. 16 p. (CPL Bibliography no.4)

159. Henry, Mary K.
Urban transit operations; management information systems and computer applications. Evanston, Transportation Center Library, Northwestern University, 1975. 36 p.

160. International Union of Public Transport.
Bibliography: metro. Brussels. biennial.

The bibliography gives information on metropolitan railways throughout the world.

161. International Union of Public Transport.
Light rail transit bibliography. Brussels, 1975. 34 p.

162. Hickok, Beverly and Catherine Cortelyou.
Transportation systems management: a selected bibliography for transportation planners and engineers. Monticello, Illinois, Vance Bibliographies, 1979. 40 p. (Public Administration Series: Bibliography no. P-165)

163. Oram, Richard L.
Transportation system management: Bibliography of technical reports. Washington, D.C., U.S. Urban Mass Transportation Admin., 1976. 152 p. (UMTA-UPP-L-76-1)

"This document is a bibliography of readily obtainable technical reports on operational transportation improvements."

164. Presby, Richard.
A selected bibliography and reference document in transportation system management. Prepared for the Federal Highway Admin. San Francisco, JHK and Associates, 1977. 121 p.

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